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Close personal care and systematized effort last year enabled us to handle without friction a volume of business we were not wholly prepared for the previous year. The high standard of prompt and excellent service achieved in 1894 will be maintained.

In our Seed Department we ask your consideration of our exhaustive tests in trial grounds for superiority of strain as well as for per cent. of germination, described on pages 10 and XX.

Those who are interested in Horticultural or Agricultural Societies, or in all that makes for the best in flowers and vegetables, are invited to examine page IX.

Through our custom of handling only the most approved article of its kind, our Hardware and Machinery Department has won an enviable reputation, and every one knows that when the best is wanted "that's Breck's."

We have very considerably increased and developed the Woodenware Department included in our purchase of Parker & Wood's business, and the same regard for quality and reasonableness of price is observed in this department that obtains generally throughout our establishment.

Our Bureau of Registry and Information, see page 22, has done much to improve the service on farm and garden, and is a very considerable help and convenience to our patrons.

The growing importance of poultry products in this country (eggs alone representing four times the value of its silver mines' yearly output) has encouraged us to increase our Poultry Supply Department until we have, probably, the largest and most complete stock of foods, implements, machines, remedies, etc., for poultry-men that the world affords. Breck's Poultry and Swine Meal and Breck's Eureka Egg Food have become household words. Our "Points for Poultry Raisers," 52 pages, tells how to care for the flock in health and sickness. Mailed free. The second edition is nearly exhausted.

We are thankful for the generous patronage heretofore given, and assure our customers that the utmost care and fidelity will be exercised in promoting their interests.

47 to 54 No. Market St.,
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J. W. Breck & Sons
(CORPORATION.)

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Nos. 47 to 54 North Market St.,
Boston, Mass.

Post Office, _____ Date _____ 1895.

Name, _____

Express Office (if different from Post Office), _____

State, _____ County, _____

Q- If both PLANTS and SEEDS are ordered, kindly use separate column for each.

AMOUNT ENCLOSED	
<i>Express or Post Office</i> }	<i>Order,</i> \$ _____
<i>Postal Note,</i>	\$ _____
<i>Draft,</i>	\$ _____
<i>Cash or</i> }	\$ _____
<i>Stamps,</i> }	\$ _____
<i>Total,</i>	\$ _____

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Annual
Descriptive
Catalogue

ESTABLISHED
1822

Seeds & Co.

47 to 54
NORTH MARKET ST.

BOSTON, MASS. U.S.A.

Joseph Breck
& Sons
(CORPORATION).

February 1, 1895.

Copyright, 1886, by Joseph Breck & Sons.

New England Agricultural Warehouse,
47 to 54 North Market Street,
BOSTON, MASS., U. S. A.

EVERYTHING FOR FARM, GARDEN AND LAWN.

On page XX we show a photographic reproduction of a portion of our trial grounds at Montvale, Mass., where were grown, season of 1894, over a thousand varieties and strains of garden and farm seeds.

The germinating power of all seeds sold by us is proven, in a tester especially constructed for the purpose, before any of them are shipped to customers. But *our tests* do not end here, as is customary with many seedsmen. Average samples of every lot of seed bought by us is drawn when received and, at the proper time, *planted in the field and the crop matured*; careful memorandum being kept as to weather conditions, time and percentage of germination, viability, type, character, and purity of strain. We also buy and plant, for comparison's sake, all the much-extolled kinds offered by other dealers season after season. Thus we are enabled to observe and select for our patrons those of the highest excellence only.

We devote almost two acres of floor space exclusively to our seed business. We have a perfect knowledge of producers, and facilities for obtaining the very best of everything in our line. We have modern, steam machinery for recleaning, skilled help for handling, excellent greenhouse and field accommodation, under the care of a grower of large experience, for testing. These, coupled with our low prices, prompt service, and special delivery offers, make ours the most desirable seed and agricultural implement warehouse in New England to do business with.

OUR GUARANTY.

First.—Our seeds are guaranteed pure and clean, and of the percentage of vitality named on the label accompanying and describing contents of each package.

Second.—This guaranty is subject to the test and analysis of the botanist of any of the State experiment stations, and to properly authenticated complaint being made to us within twenty days from time of purchase of seeds complained of. If the result of the analysis does not confirm the guaranty, we will take back the seeds, and refund the money paid for them, and pay the cost of transportation both ways.

Third.—Seeds once sown, or the above specified time for complaint having expired, our responsibility ceases. The results in field culture depend upon so many things besides the quality of the seeds, that the growth and crop cannot be guaranteed.

The advantages of this method of guaranty will at once be apparent to the careful farmer; it will give security as to vitality, freedom from noxious weeds, and to some extent, confidence as to varieties planted; in short, by obtaining seeds a few days before they are required for planting, you can have, without cost (for we assume expenses if results of tests are unsatisfactory), a warrant against everything except the visitations of Providence.


(CORPORATION.)

PLEASE NOTE.

BAGS.—Persons remitting with their orders are respectfully requested to include a sufficient sum to cover cost of bags necessary to contain purchase. The prices of sound cotton bags are: 2 bushels, 20 cents; 1 bushel, 20 cents; $\frac{1}{2}$ bushel, 15 cents; $\frac{1}{4}$ bushel, 10 cents; $\frac{1}{8}$ bushel, 8 cents. The amount charged will be refunded if bags are returned in good condition free of expense to us, within one month from date of purchase.

1895.

NOVELTIES AND SPECIALTIES IN VEGETABLES.

This list embraces new varieties that are, we believe, meritorious, and standard sorts worthy of special attention.

KEENEY'S RUSTLESS GOLDEN WAX BEANS.

COMBINING HARDINESS, PRODUCTIVENESS, AND FINE QUALITY.

A bush variety of remarkable vigor and freedom from rust. Sends out short tendrils on which pods are formed in addition to those near the central stock of the plant. Pod yellow, of fine quality and entirely stringless.

Plant one Bean in a hill, placing the hills 10 inches apart in the row, and the rows 24 to 28 inches apart. The soil should be rich and moist, but not wet. Per pkt., 15 cts.; 2 for 25 cts.; 10 for \$1.00.

THORBURN PROLIFIC MARKET BEAN

An exceedingly vigorous and healthy grower and enormously productive, the pods being borne in thick clusters, and as many as 35 to 40 on each plant. It is rust-proof to a remarkable degree. Out of a lot left in an open vessel for eight days, not one was found to be yellow or rusty. The seeds being black, it is likely to remain true to its character longer than light or different-colored beans. The pods are of a light green color, long and perfectly round, solid-fleshed, and of very soft marrow and texture. For productiveness, solidity of flesh and roundness of pod, it excels any now in cultivation. Per pkt., 10 cts.; pint, 25 cts.; quart, 40 cts.

Your seeds are more than satisfactory.

B. L.,
Newport, R. I.

SOYA BEAN (*Glycine Hispida*).

This bean has come to stay. It was introduced from Japan a few years ago, and put in commerce by us, spring of 1893. It is a medium-early white that will not only produce an immense quantity of valuable fodder and ensilage in New England, but from which may be harvested a thoroughly matured crop of beans averaging from twenty-five to thirty bushels to the acre. These beans can readily be ground by local millers, and the meal is more valuable ton for ton than cotton-seed meal, bran, or any grain. This crop affords the Northern farmer a means of producing the nitrogenous foods which every feeder knows are essential to economical feeding and the largest products either in growth or milk, and as the plant gathers its nitrogen from the atmosphere, it should enable the farmer to dispense in a large measure with purchased nitrogenous fertilizers. The superiority of this bean over clover for fertilizing purposes has already been clearly demonstrated, and it is only a matter of time when it will be generally recognized. It has a stiff stalk, growing three to four feet high, holding the pods well off the ground, and it matures all the beans together. *When roasted and ground the beans form an excellent substitute for coffee.* They may be sown broadcast at the rate of half a bushel per acre, or planted in drills three feet apart and one foot between the plants. Per pkt., 10 cts.; quart, 25 cts.; peck, \$1.50.

HORTICULTURAL LIMA POLE BEAN.

The introducer describes it as follows:—"It is a cross between the Common Lima and Horticultural beans. It has the shape of the former and color of the latter, while its flavor is a combination of these two finest of beans. It is very prolific, bearing five to seven beans in each pod, and is fully *three weeks earlier than any other Lima*. It can be grown in our Northern States and Canada where no other Lima will mature, and we believe it is the great bean of the future for the entire world." Per pkt., 10 cents; quart, 40 cts. peck, \$2.75.

See Special Offers on third page of cover.



*Your Maud S Peas I have raised
for four years, and it's the best
early pea I ever had.*

J. A. K.,
Charlemont, Mass.

THORBURN VALENTINE WAX BEAN.

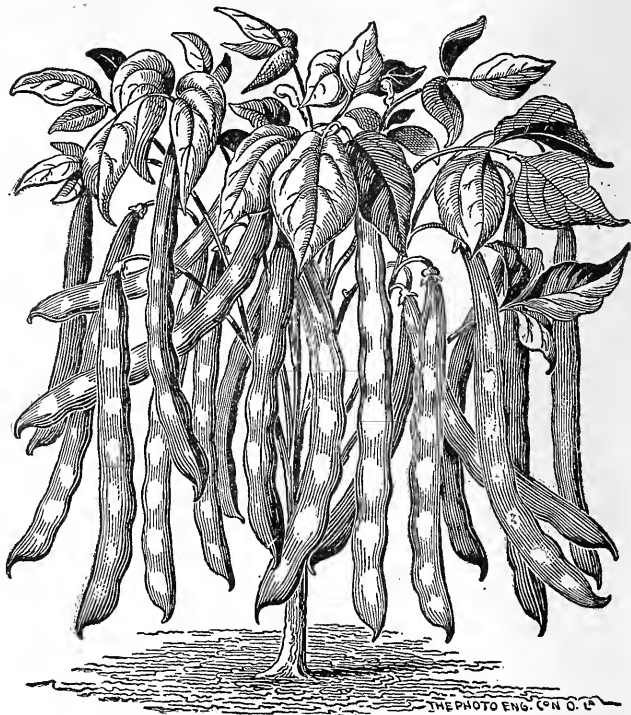
FIRST IN EARLINESS, FIRST IN PRODUCTIVENESS, AND FIRST IN QUALITY.

This is an improved Extra Early Valentine Bean, with round wax pods. Originated with T. V. Maxon, the well-known cultivator, of Jefferson Co., N. Y. The type is so perfectly fixed that only one plant with green pods was found in the field, and that was probably from a stray bean. It grows only about 15 inches high, with a strong stalk and an abundance of foliage.

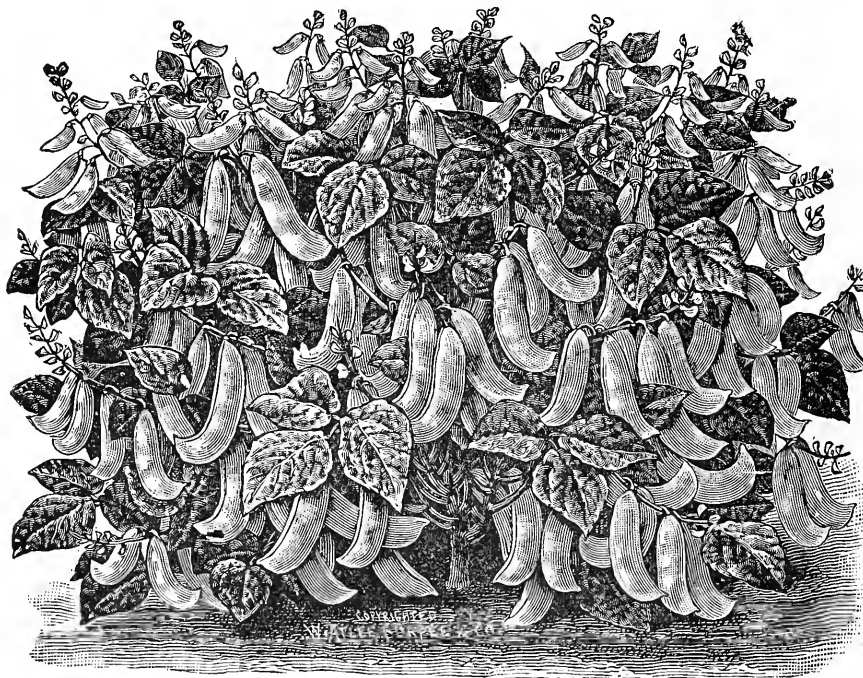
It is without any exception the *earliest* Wax Bean in use, being even earlier than our Refugee Wax. Beans planted on June 18 produced pods 4 inches long by July 25, and on August 1 half a crop could be picked.

The pods are very meaty, and with so very little string that they may justly be called *stringless*. Certainly no other bean has less string or less hard shell to the pod as long as they are suitable for cooking. It is the best quality for snap beans of any Wax Bean in use. It is remarkably free from rust, and remains a long time without becoming tough.

Combined with these valuable features of extreme earliness and excellence of quality is its *enormous productiveness*. In this respect, also, it excels any bean in cultivation. All who saw the field before harvest pronounced it the *fullest podded field they had ever seen*. The pods are well held up from the ground. Per pkt., 15 cts.; 2 for 25 cts.; 10 for \$1.00.



BURPEE'S BUSH LIMA BEAN.

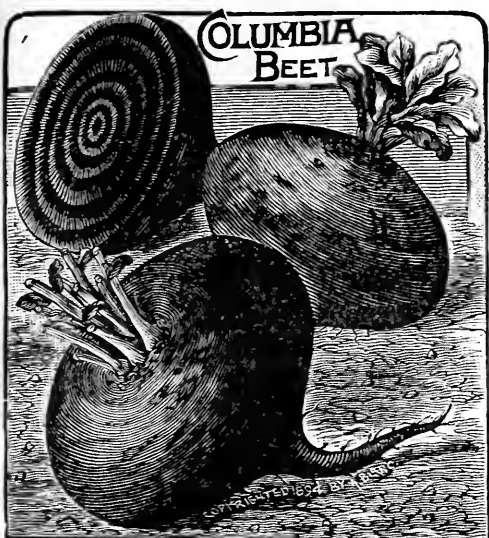


BURPEE'S BUSH LIMA comes true from seed. The bushes grow eighteen to twenty inches high, and each develops into a magnificent circular plant from two feet to three feet in diameter. The bush character is thoroughly established, not one plant in a thousand showing any disposition to "run." The thickness of the main stalk and branches of the plant indicate the strong constitution of this variety. It is an *immense yielder*, each bush bearing from 50 to 200 of the handsome large pods, well filled with very large beans, which are *identical in size and luscious flavor to the well-known large pole Limas*. By the introduction of this most valuable novelty, the largest and best Lima Beans can now be raised in quantity at small cost without the expense and labor attached to the use of poles. Per pkt., 10 cts.; $\frac{1}{2}$ pint, 15 cts.; quart, 40 cents; peck, \$2.75.

CROSBY'S EGYPTIAN BEET.

A desirable extra-early market variety, selected from the original Egyptian by the late Josiah Crosby, of Arlington, who spared neither labor nor expense in perfecting it. It is as early as the original variety, hicker, of better color and quality, besides being smoother. The seed we offer is not Arlington grown, but was carefully raised from stock seed supplied by an Arlington farmer. Per pkt., 5 cts.; ounce, 10 cts.; pound, 75 cts.

See Special Offers on third page of cover.



COLUMBIA BEET.

The originator says: "The handsome appearance of this distinct new Beet is well represented in the illustration herewith. The roots are of a neat turnip shape, with smooth skin and deep blood-red flesh, of rich, tender quality. It is ready to use *very early*, growing as quickly as does the *Egyptian*, while it does not become coarse and stringy as does that variety when of large size. Compared with such famous sorts as *Edmonds'* and *Eclipse*, the COLUMBIA has proved *earlier than either*, and even better in quality than these two really first-class varieties. In habit of growth, it is *remarkably thoroughbred*, the foliage being small, neat, and of a rich, bronze color. We have received many voluntary letters from our customers, all of whom have been most enthusiastic in praise of THE COLUMBIA BEET, both as an early and main-crop variety. We are sure that market-gardeners will find it a splendid variety, while its fine flavor as a table beet will delight all private planters." Per pkt., 5 cts.; ounce, 10 cts.; pound, 75 cts.

TRIUMPH CELERY.

Two years' growth for the market has decided the "Triumph" to be the finest variety of Celery ever grown. For solidity, crispness, and fine nutty flavor, it has no equal. It is very brittle, good size and creamy white in color. Its remarkable keeping quality is its most valuable recommendation—it can be kept as far in the spring as April and May. It is also the most economical, every particle can be eaten.

For market gardeners for late use the "Triumph" is the triumph of all Celeries and the most profitable. Per pkt., 10 cts.; ounce, 75 cts.; $\frac{1}{4}$ pound, \$2.00.

The seeds proved to be all you claimed for them. The Beans and Tomatoes were remarkable.

Mrs. G. W. E.,
Kingston Plains,
N. H.

NEW ROSE CELERY.

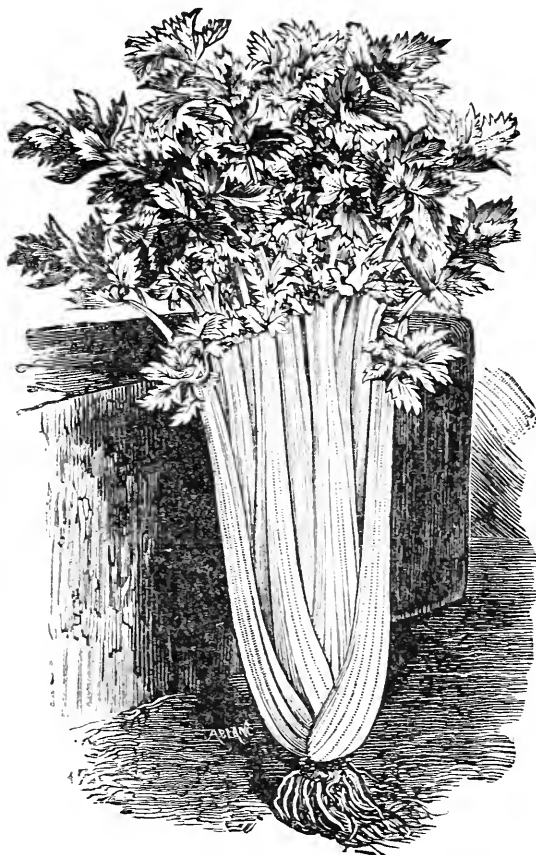
There is, we know, a general dislike to all Celery that has any red shade of color, but as quality is and should be the first consideration, we have confidence in recommending this sort to the special attention of our customers. The color is, as the name implies, a delicate shade of rose, *the quality* (and comparisons have been made by disinterested authorities) *is* ahead of any other variety in cultivation, being fine, mild-flavored, solid, crisp, and entirely free from stringiness. Per pkt., 5 cts.; ounce, 25 cents; pound, \$3.50.

PARIS GOLDEN CELERY. (Self-Blanching.)

We have on hand a stock of this seed that was grown *especially for us by the originators in France*, season of 1893. We planted, and proved its character in our trial grounds at Montvale last summer. The crop raised by us from this seed was almost *entirely pure and true to type*, and we feel that it will give perfect satisfaction to those who plant it this spring. Our test for vitality made last December showed a growth of 85% which is really all that could be desired. We recommend this seed with much pleasure. Per pkt., 10 cts.; ounce, 35 cts.; $\frac{1}{4}$ pound, \$1.00.

GIANT PASCAL CELERY.

This, the best keeping, best flavored, and heaviest cropper, is a sport from the Golden Self-Blanching Celery; it couples with all the meritorious features of that variety greater size and better keeping qualities. The stalks are very large, thick, solid, crisp, and of a rich, nutty flavor, entirely free from any trace of bitterness. Per pkt., 10 cts.; ounce, 35 cts.; $\frac{1}{4}$ pound, \$1.00.



See Special Offers on third page of cover.

AMERICAN-GROWN DANVERS HALF-LONG CARROT.

There are about as many strains of this valuable vegetable as there are of Yellow Globe Onions, and just about as many of them worth growing. The cut represents a portion of a field on Cary Farm, Lexington, and shows that our strain of Danvers Half-Long Carrot is at the head both for quantity and quality of crop. The crop was grown on Bradley's XL Phosphate without any stable manure, and was exceedingly bright and smooth. Seed of the same strain, per pkt., 5 cts.; ounce, 10 cts.; pound, \$1.00.

EVERGREEN CUCUMBER.

The originator of this variety says he distributed, spring of 1890, ten thousand packets of it, and all reports were "praising it in unstinted terms." This variety has been thoroughly tested the country over, last season, and the favorable reports are still coming. One of our special claims for this variety is its wonderful prolificacy. The grower to whom we entrusted the contract for growing our supply of the seed, states, after the frost had killed the vines, it really looked as if the fruit entirely covered the ground when the field was viewed from a short distance. Another grower says it outyields average sorts, *four to one*. Per pkt., 5 cts.; ounce, 10 cts.; pound, \$1.00.

CRIMSON, GERMAN, OR SCARLET CLOVER.

Owing to articles in the agricultural papers a large inquiry was made the past two years for this clover and we believe that its many desirable qualities have already secured for it a permanent place among the green and hay crops of the New England Farmers. It was first introduced from Italy into our Southern States, and has gradually found its way north. It is recommended as being a valuable green manure crop, and for an April green-food crop for cattle, or it can be made into hay during May. Sow broadcast during July or August at the rate of fifteen to twenty pounds per acre; it may be sown among corn at the last hoeing, and it will make a good "catch" on stubble land by merely harrowing the soil with a heavy

spading or disk harrow. Per pound, 15 cts.; 100 pounds, \$12.00.

See Special Offers on third page of cover.

Send by Adams Express one bushel of Lawn Seed, same kind that I had of you last July, which gave me as fine a lawn as there is in Massachusetts.
G. E. M., Dedham.

BRECK'S PREMIER SWEET CORN.

This Sweet Corn has obtained for itself a substantial place in the esteem of our market gardeners, by whom it is pronounced an unequalled variety for market purposes. It is a few days later than Cory, but of so much better quality that it is grown by many to the exclusion of all others. Its qualities are, large size, earliness, pearly whiteness and delicious flavor. As will be seen by our cut of a field grown by Mr. Linscot, Hingham, on Bradley's Fertilizer only, it produces, in addition to an immense crop of ears, a great quantity of fine fodder.

Per pkt., 10 cts.; quart, 25 cts.; peck, \$1.25.

EXTRA EARLY CROSBY SWEET CORN.

We offer home grown seed of this famous, early white sweet corn. We believe it to be as early as any corn obtainable and the name "Crosby" is a sufficient guarantee as to quality. Per pkt., 10 cts.; quart, 25 cts.; peck, \$1.25.

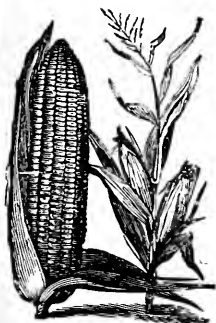
FIRST CROP SUGAR CORN.

We offer an exceedingly fine strain of this extra early, good quality, sweet corn. It was grown from the introducer's stock under our personal care and is, we think, through continued selection, superior to the original strain. Per pkt., 10 cts.; quart, 25 cts.; peck, \$1.25.

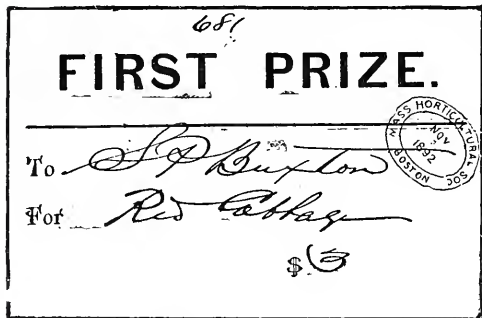
JAPANESE CLIMBING CUCUMBER.

A curious variety from Japan. The fruit is of medium size and of extra quality for table use. The seed should be planted in May or early in June. As soon as the plants appear provide them poles to climb on as you would for pole beans. The plants grow quickly and produce a large crop. Per pkt., 5 cts.; ounce, 25 cts.

See Special Offers on third page of cover.



PERFECTION RED CABBAGE.



This Buxton's Strain is without doubt the best "Red" brought to Boston market, and is unsurpassed by any in color, size, compactness of growth, certainty of heading and solidity.

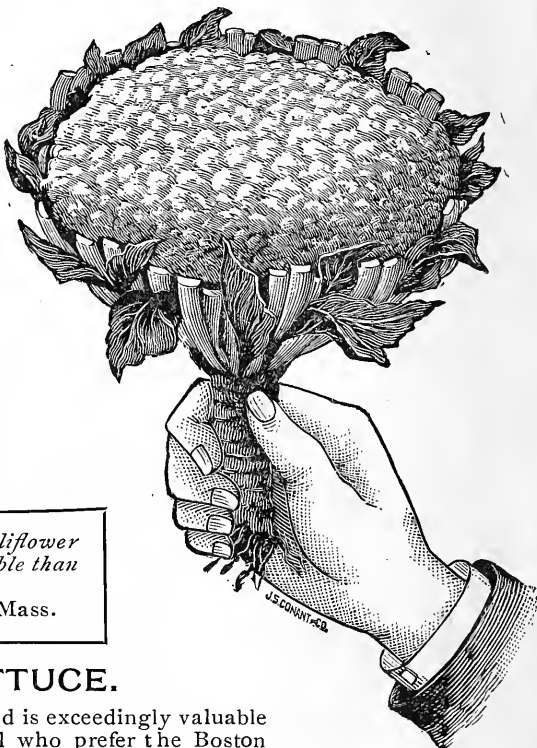
It is the result of years of careful and skilled selection for these desirable points, and is nearer to what its name implies—PERFECTION—than any other Red Cabbage. We could print many testimonials from successful market and private growers regarding its excellence, but it is too well known and popular to require them. First prizes have always been awarded it at the Massachusetts Horticultural Society's shows and elsewhere when exhibited. Per pkt., 10 cts.; ounce, 40 cts.; pound, \$4.00.

BRECK'S WHITE BOUQUET CAULIFLOWER.

Since we introduced Breck's White Bouquet Cauliflower four years ago, it has, on its merits, found its way into nearly all the best private and market gardens in New England, as well as many other States. *We claimed* it to be in all respects equal at least to any other sort in cultivation. Now a great many of *our customers*, who have grown it, *claim* it is better than all other sorts, no matter at what price offered. We have continually aimed to improve the strain, if possible, by selection, and we feel we have succeeded in producing a type that is without an equal, either for forcing or open-ground cultivation. It is earlier than any other cauliflower, produces a larger percentage of solid pure-white heads, averaging ten inches in diameter, is dwarfer, and more compact in habit, and has no useless, rank-growing outer leaves to take up space. Its natural early maturing, coupled with its neat form of growth, make it peculiarly suitable for growing under glass during winter or spring. We own the entire seed stock, and every package of the genuine will be sealed with our trade-mark. Per pkt., 25 cts.; ounce, \$3.50; $\frac{1}{4}$ pound, \$12.00.

We had two acres of Breck's White Bouquet Cauliflower last season. It proved more satisfactory and profitable than any other variety we ever grew.

W. G., Woburn, Mass.



WARD'S TENNISBALL LETTUCE.

This is a fine selection of the White-seeded Tennisball, and is exceedingly valuable for forcing. We recommend it, with much confidence to all who prefer the Boston Market type. Per pkt., 10 cts.; ounce, 40 cts.

SENSATION LETTUCE.

This lettuce has been received with much favor by all who have grown it either as a forcing variety or out doors. It is a beautiful light yellowish-green color, leaves much blistered on the surface, and of very superior even quality. It has the peculiarity of forming a solid head, even before half grown. It is the shyest seeder of any lettuce we have ever seen. Per pkt., 5 cts.; ounce, 30 cts.

NEW BOSTON MARKET LETTUCE.

(ALSO KNOWN AS "BIG BOSTON.")

This variety is a distinct strain of the popular Boston Market Lettuce, and is identical to it in all respects except size and time of maturing. It is very desirable for both open ground and forcing, and although perhaps a week later than the common sort, its immense solid heads will commend it to the market grower, while its excellent quality is sure to make it a favorite in the home garden. Per pkt., 5 cts.; ounce, 30 cts.; $\frac{1}{4}$ pound, \$1.00.

HITTINGER'S BELMONT FORCING LETTUCE.

We offer seed of this improved forcing lettuce that was grown especially for us by Mr. Ward. This variety is displacing the Boston Market. It is a sure cropper, not liable to dampen off and of extra crisp quality. Per pkt., 5 cts.; ounce, 40 cts.

I have used your seeds for four years. They give good satisfaction.

H. M., So. Brewster.

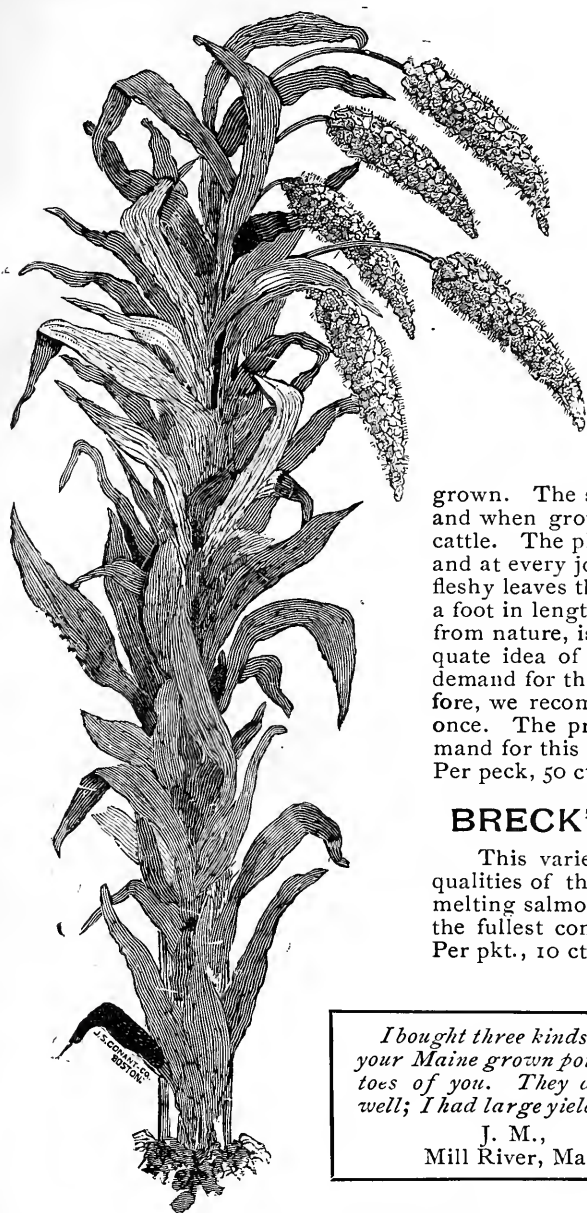
See Special Offers on third page of cover.

JAPANESE MILLET.*(Panicum Miliaceum).*

We doubt if we could say too much in favor of Japanese Millet. Almost every person we have heard from, who has grown it, praises it for both quantity and quality of crop. The original seed-stock was imported four years ago from Japan, where the grain is largely used as human food. The importer in 1891 planted a small plot of ground, which yielded at the rate of six and three-quarters tons dry straw, and over ninety bushels of seed per acre. The yield of seed is surely a remarkable one, especially since a considerable amount was lost through the ravages of birds (which prefer it to common millet) as well as by rattling out, for unlike common millet, this threshes very easily. There is good reason to believe this new variety will prove an exceedingly valuable crop for green fodder or for the silo, as it is as much superior in every respect to all other millets as is the Japanese buckwheat, that has, since its introduction, gained such popularity over the common sort formerly largely grown. The seed of this millet constitutes an excellent grain for hens, and when ground is a wholesome, nutritious, and economical food for cattle. The plants attain an average height of six feet, are short-jointed, and at every joint there is put forth an immense number of long, thick, fleshy leaves that increase its value as a cattle food. The heads average a foot in length and over six inches in diameter. Our illustration, drawn from nature, is one-twelfth natural size, but it scarcely conveys an adequate idea of the great food-producing qualities of this millet. The demand for this millet, we believe, will again exceed the supply; therefore, we recommend our patrons who desire to secure seed to order at once. The price we quote is very low in order to induce a general demand for this variety, and *is not subject to either of our special offers.* Per peck, 50 cts.; bushel, \$1.75.

BRECK'S EMERALD GEM MUSK MELON.

This variety of Emerald Gem couples size with all the desirable qualities of the original. It has the same thin, dark-green rind, thick, melting salmon-colored flesh, and high flavor. We recommend it with the fullest confidence as the very best, all round melon in existence. Per pkt., 10 cts.; ounce, 25 cts.

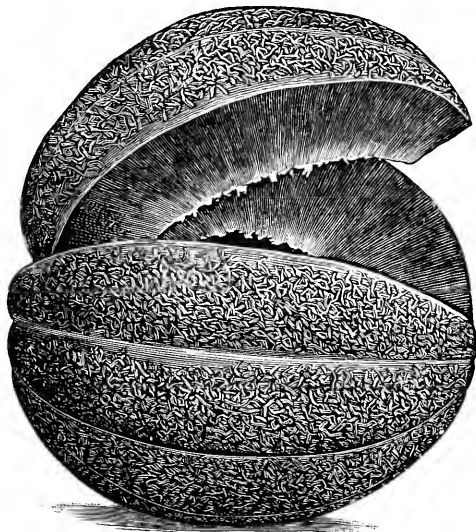


*I bought three kinds of
your Maine grown pota-
toes of you. They did
well; I had large yields.*

J. M.,
Mill River, Mass.

MELROSE MELON.

A very hardy, strong and vigorous grower, the vines remaining green longer than any other variety. The melons are produced abundantly, and very close to the hill, — a feature of the greatest value. The color is rich dark-green; the shape is oval. The fruit average in weight about four pounds, and are finely and densely netted, and very uniform in appearance. The flesh is very thick and solid; clear, light green in color, shading to a rich salmon at the seed cavity. The flavor is unequalled. This melon is desirable for both home use and market. Per pkt., 10 cts.; ounce, 25 cts.; $\frac{1}{4}$ pound, 75 cts.

**MAMMOTH SILVER KING ONION.**

This is one of the largest onions in cultivation, averaging from 15 to 22 inches in circumference, and often weighing from $2\frac{1}{2}$ to 4 pounds each. It is quite early, of fine shape, a little flattened, but very thick. The skin is a beautiful silvery-white color; the flesh, pure white, tender, and very mild-flavored. It has attracted much attention by its large size and handsome appearance, which qualities, together with its mild flavor, recommend it for the exhibition as well as the home table. Per pkt.; 10 cts.; ounce, 25 cts.; pound, \$2.50.

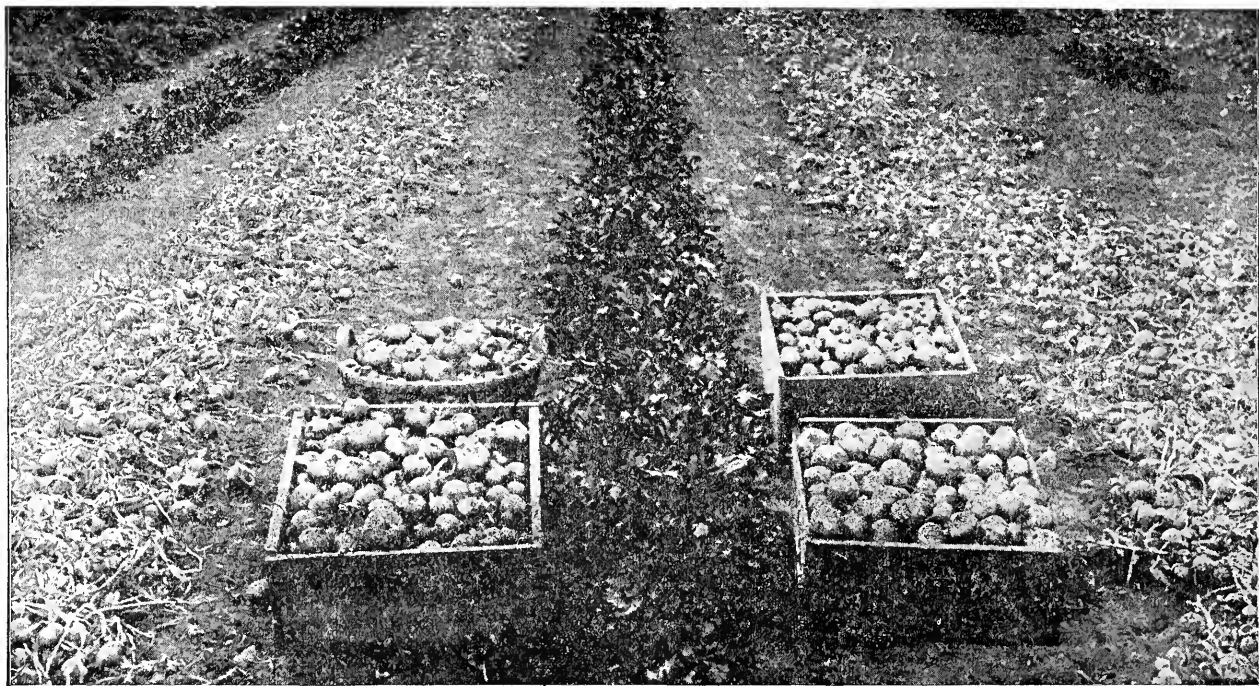
WHITE MULTIPLIER ONION SETS.

This is really a White Potato Onion. It is earlier, hardier and more productive than the common yellow or brown variety. It is of fine quality and a remarkable keeper. Per quart, 25 cts.; peck, \$2.00.

See Special Offers on third page of cover.

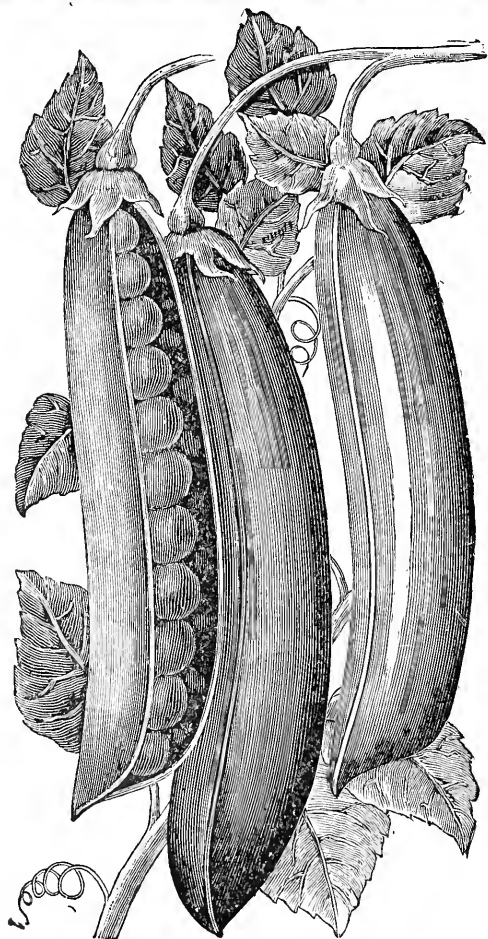
BRECK'S DANVERS YELLOW GLOBE ONION.

(Massachusetts Grown Seed.)



The above is a photograph of an Onion field on the farm of Mr. W. H. Kimball, Lexington, Mass. The crop was grown from our seed on Bradley's Fertilizer only and was phenomenal in quantity and quality—almost a thousand bushels per acre of good sized, uniform shaped onions of a handsome color were harvested—Seed of the same strain. Per pkt., 10 cts.; ounce, 30 cents.; pound, \$3.00.

BRECK'S NEW LIFE PEA.



The failure for a number of years of the once popular Stratagem Pea to give satisfaction to market gardeners has been well-known and has caused many growers and dealers to endeavor to obtain a reliable substitute for it, but few of the sorts offered to take its place have proved of any value. Two years ago we were shown by a New York State grower a Pea which somewhat resembled the original Stratagem but which was of fully more vigorous growth both in vine and pod. The owner of the stock claimed that it was a perfectly *distinct and fixed type* and bound, on account of its many good points, to become a popular sort when offered the public in sufficient quantity. We examined the stock again, summer of 1894, and were so much impressed with its value that we made arrangements which enable us to offer it to our customers. Breck's New Life is a wrinkled, green-seeded variety of sturdy, vigorous growth, and the vines grow to a height of two feet and are unusually prolific. The pods, mostly borne in pairs, are large, of good color and well filled with peas of the best quality, and are quite showy in all stages of growth. It will, we think, prove to be a standard main crop variety. Per pkt., 10 cts.; pint, 35 cts.; quart, 60 cts.

See Special Offers on third page of cover.



POTATO (BRECK'S CHANCE).

In 1888, a customer of ours in Connecticut sent us as a curiosity a rough-skinned, roundish-oval-shaped, white-meated Potato that grew on a Pearl of Savoy vine. It did not in any way resemble the other tubers in the hill, or as a matter of fact in the field, therefore was remarkable. We were interested in the "sport" and turned it over to Mr. Robbins, a seed-grower of Wethersfield, Conn., to grow for us. *He harvested from the original sixteen beautiful medium-sized potatoes which he kept and planted again the following year. In the second crop the type was maintained, and in 1891 we sent the entire stock to a Potato Specialist in Aroostook County, Me., where they have since been grown for us.*

During the six years that we have been getting up a stock for market, the value of the *Chance* for quantity, quality and earliness has, season after season, been more impressed upon us. We have grown it along side of the leading early varieties and find it comes in neck and neck with such sorts as Pearl of Savoy, Houlton Rose, etc., while for quality, it far exceeds these or any other sorts known to us; it is as white-meated as the once popular Snowflake but so dry and mealy that there is trouble in "cooking them in their jackets." It is an excellent keeper and though kept in a cellar all winter the tubers will be found hard and of fine flavor even up to the month of May. The vine is of robust growth, and thus far has not been affected by disease.

If you wish to grow the very best potato in America, you will plant some of **Breck's Chance**. *Quality is its leading feature, and if you are a potato grower you must know that quality, and in fact, every other desirable characteristic has in most potatoes of recent introduction given place to earliness.*

Our stock being still somewhat limited, we shall not sell more than one bushel to a customer, but recommend that all plant, at least, a few.

Per pound, 25 cts.; $\frac{1}{2}$ peck, \$1.25; peck, \$2.00; bushel, \$7.00.

NOTT'S EXCELSIOR PEA.

This new, dwarf, extra early wrinkled Pea is superior in earliness, size, quality and productiveness to both American Wonder and Premium Gem. It grows about half as tall again as American Wonder, and its pods are larger in proportion. Being within a day or two as early as the first early smooth pea, it is sure not only to be grown but to supersede other early kinds. Per pkt., 10 cts.; quart, 50 cts.; peck, \$3.50.

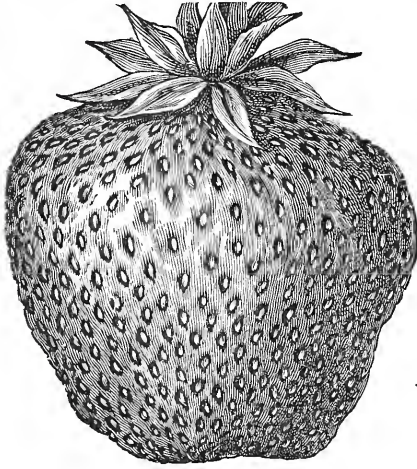
PARAGON PEA.

For many years market and private growers have been seeking for a main crop pea that produces an abundance of even-sized, good-colored pods well filled with first-quality peas. All these qualities, we believe, they will find combined in the Paragon. To be sure, the seed is light-colored, and the vines grow all of three feet high, but the quality more than offsets the color, and quantity cannot be had without a vigorous, healthy vine. The originator describes this new variety as follows: "Height, three feet; double-podded; medium late; long, straight pods; six to nine peas. Stubbed, stocky vine with luxuriant foliage; pods, light green; quality, superb, not excelled by any pea, and the largest producer known." This claim seemed to be fully borne out by tests made in our trial grounds. Per pkt., 10 cts.; quart, 30 cts.; peck, \$1.75.

See Special Offers on third page of cover.

LONG, SCARLET, SHORT-TOP RADISH.

We have secured from a well-known Boston market-gardener, who makes a specialty of Radish, a supply of seed of what is generally considered the best strain of Short-Top, Long, Scarlet Radish sent to Boston. It is of fine color, form and size. Per pkt., 5 cts.; ounce, 10 cts.; pound, \$1.00.

THE MARSHALL STRAWBERRY.

The rule is that more than enough is said in favor of all new varieties of fruits and vegetables. The "Marshall," however, is an exception to that rule, for although the Massachusetts Horticultural Society has awarded it several First Prizes, and all small-fruit growers have sung its praise in unstinted terms, yet half of its merits have not been told. The originator says, and his claims are well sustained, that "*Three thousand baskets of berries were picked on one-third of an acre last year. The berries are very large, fourteen filling a basket; color, very dark crimson throughout; fine flavor, fine grain, and good keeper, which commends it for private or market purposes. Plants very vigorous; stands from twenty to twenty-two inches high; blossoms perfect; foliage sufficient to protect blossoms from the frost.*" The price at which it was introduced alone has been the barrier to popular favor. We have had a fine stock propagated from plants secured direct from the originator, and have pleasure in offering same at one-fourth the price hitherto asked. The quality of the plants we offer is unsurpassed, and we guarantee every one of them to be true to name and

character. Price, dozen, 75 cts.; 100, \$5.00.

SPURREY.

(*Spergula Arvensis*).

Since the recent introduction of Spurrey, there is a bright outlook for owners of barren, sandy land in the United States. Spurrey is an annual; its value has been recognized and appreciated in Europe for a great many years. It is cultivated on the barren soils of France and Germany, as winter pasturage for cattle and sheep. It grows on sand that is too dry and thin to support clover and so rapidly that three sowings may be made in one season. The crop may be fed both green and dry. About twenty pounds of seed is required for an acre, and it should be broad-casted and harrowed in same as clover. As a fertilizer for ploughing in, Spurrey will undoubtedly prove of much value because it grows quickly on soils that will scarcely produce a green blade of anything else. Per pound, 25 cents; per 100 pounds, \$20.00.

SACALINE.

(*Polygonum Sachalinense*).

If half the claims made for this new forage plant are realized it will prove one of the most wonderful and desirable in existence.

The introducer says:—"It is perfectly hardy; once planted, stands forever; requires no cultivating or manuring, endures the severest drought with impunity. Thrives equally well on wet or dry soil. The young shoots and leaves may be eaten as a vegetable. The stems and leaves, green or dry, are greatly relished by cattle, sheep and horses. It is more nutritious than clover and produces from fifty to a hundred tons of green fodder per acre."

The seed should be started in the same way as Cabbage, and the plants, when large enough, set out four feet apart, each way. Per pkt., 50 cts.; per ounce, \$2.50.

VICTORIA SPINACH.

This new variety is distinguished for its exceedingly dark, black-green color, and also for its very long-standing qualities, being from two to three weeks later than the ordinary "Long-Standing." The leaves are thick and spread out flat upon the ground. It is excellent for spring sowing, but not sufficiently hardy to stand the winter in this locality. Per pkt., 5 cts.; ounce, 10 cts., pound, 50 cts.



See Special Offers on third page of cover.

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NEW DICTIONARY OF GARDENING.

A PRACTICAL ENCYCLOPÆDIA OF HORTICULTURE.

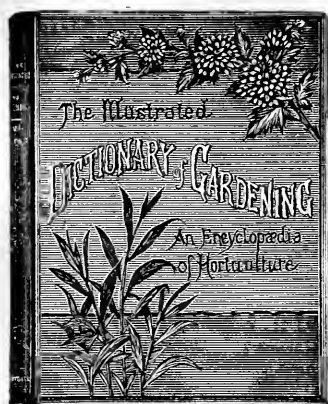
Edited by GEORGE NICHOLSON, of the Royal Botanic Gardens, Kew.

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Everybody who has an interest in Horticulture, whether for pleasure or as a means of livelihood, should possess this work. It will pay for itself twice over in six months.

Price, complete, in four volumes, beautifully bound, gilt edges, \$20.00.

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For Special Offers see third page of cover.

[BUREAU OF REGISTRY AND INFORMATION.]

NEW ENGLAND AGRICULTURAL WAREHOUSE AND SEED STORE.**ESTABLISHED 1822.****51, 52, and 53 NORTH MARKET STREET, BOSTON, MASS.****In the Interest of Employers and Employees in General.**

Early in 1890, having long realized the necessity of such a medium, we established a Bureau of Registry and Information, whereby employers of labor in the lines of Horticulture and Agriculture could be put in communication with RELIABLE persons seeking situations. The fact that NO PERSON was admitted to registration until he had been carefully looked up by us, together with our well-known respectability and responsibility, soon won the approval of employers and employees, and insured the usefulness of our new departure from the start; we were, however, but partially prepared for the success our Bureau soon achieved. As the public became aware of and appreciated the principles on which it was conducted, we began to receive inquiries for employees and for situations outside of the lines we originally intended to accommodate, and as these inquiries rapidly increased, we experimented, and the number of situations for book-keepers, cashiers, salesmen, clerks, shippers, porters, and boys, in almost every branch of business, satisfactorily filled by us, we believe fully warrant us in announcing to the public that we are prepared, through our Bureau of Registry and Information, to put employers of MALE HELP in every known occupation in communication with reliable persons seeking such positions.

A RECORD WILL BE KEPT of the names, addresses, and the present and future engagements of all applicants who prove to be qualified for registration. Particulars of actual experience and capabilities, salary expected, and testimonials from past employers will be on file.

PARTIES WISHING TO ENGAGE the services of reliable men in any position, or competent and reliable men desirous of filling any position, if of good character and habits, are respectfully invited to call or communicate with us.

BLANK FORMS, in which employers can state the particulars necessary to govern us in selecting suitable men, will be furnished on application.

APPLICANTS FOR SITUATIONS will fill out and sign registration blanks, which we will furnish, stating fully the kind of place and salary that they will accept. On receipt of the same properly filled out, the references given and former employers are written to, and if the replies are deemed satisfactory, the applicant's name will be entered on the register, when he will be entitled to all the benefits connected therewith, and put in communication with employers desiring such service as he seems capable of rendering.

WE DO NOT ORDINARILY GUARANTEE employment; neither do we, unless specially requested, negotiate with employers or with applicants for positions, as employers generally prefer to make their own selections.

WE ARE, HOWEVER, prepared not only to guarantee employment, but to negotiate between employer and employee if desired. Circulars covering our conditions and terms in such cases will be furnished on application.

FOR POSITIONS OF TRUST or extra responsibility, we are prepared to furnish first-class insurance against dishonesty of employees, on the most reasonable terms. Full particulars on application.

WE OFFER PATRONS of the Bureau the conveniences of our store as a place where employer and employee can meet, and privacy will be insured if desired.

INQUIRY WILL BE MADE at least once each year of employers as to the character, habits, and general satisfaction given by employees obtained through our Bureau, so far as we are able to locate them, and the reports kept on file.

WE RESERVE the right to remove the name of any applicant for a situation from the register at discretion.

A NOMINAL FEE will be charged to assist in maintaining the Bureau.

WE BELIEVE this Bureau has a tendency to improve and elevate the service, and supplies a long-felt want. We trust that both employers and employees will appreciate the efforts we are making in their behalf, and give our Bureau of Registry and Information their hearty coöperation.

Yours respectfully,



(CORPORATION.)

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Joseph Breck & Sons.

P.S. — We have recently added a

FEMALE MERCANTILE DEPARTMENT,

with experienced lady attendant, private rooms, etc., and are prepared to furnish approved female employees in all mercantile pursuits, such as book-keepers, cashiers, stenographers, salesgirls, forewomen, etc.

General List of Standard Varieties

See Special Offers on Third Page of Cover.

See Special Offers on third page of cover.

BEANS. Dwarf or Bush.

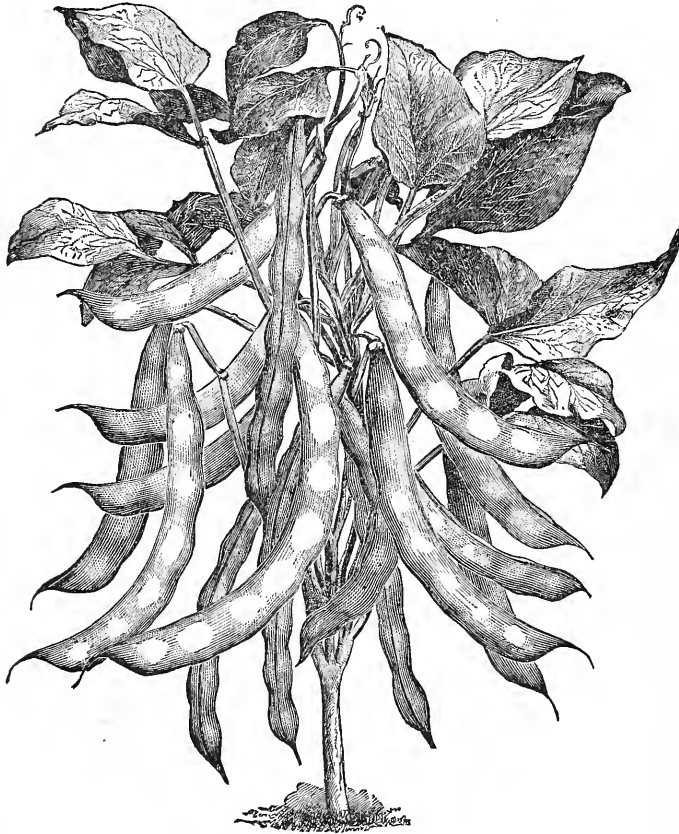
German, *Bohne*. — French, *Haricot*. — Spanish, *Frijoleno*.

To afford a regular succession of crops throughout the season, plant every two weeks, from the middle of spring to the end of summer; but not until the soil becomes warm, as they are very sensitive to both heat and cold. Plant in rows, eighteen inches apart, two inches deep; cultivate frequently, but only when dry, as the scattering of earth on the foliage or pods, when moist, will cause them to become damaged with rust.

One quart will plant 100-feet drill.

GREEN-PODDED VARIETIES.

Burpee's Bush Lima, a true bush form of the large Lima, productive and of excellent quality
Dreer's Bush Lima, a bush form of the Dreer's Improved Lima, possessing all the good qualities of that sort



	Pkt.	Qt.	
Burpee's Bush Lima, a true bush form of the large Lima, productive and of excellent quality	.10	.40	\$2.75
Dreer's Bush Lima, a bush form of the Dreer's Improved Lima, possessing all the good qualities of that sort	.10	.40	2.75
Henderson's Bush Lima, a bush variety of the small Lima or Sieva	.10	.30	2.00
Long Yellow Six Weeks, an excellent general-crop variety	.10	.30	1.50
Red Valentine Improved, desirable for private and market gardens	.10	.30	1.50
Early Mohawk, about the best early quality, excellent	.10	.25	1.25
Early China, early and good	.10	.25	1.25
Refugee, or Thousand to One, the best pickling bean	.10	.25	1.25
Low's Champion, large, green, flat, stringless pods	.10	.30	1.50
Red Cranberry, a stringless variety of great merit,	.10	.30	1.50
Breck's Dwarf Horticultural, unexcelled	.10	.25	1.25
Dwarf Horticultural, one of the best shell beans	.10	.25	1.25
The Warren, excellent either as a string or shell bean	.10	.30	1.50
Large White Marrow, used generally as a winter bean	.10	.20	1.00
Prolific Tree Pea Bean, the best for baking	.10	.20	1.00
Yellow Eye Improved, a desirable winter bean,	.10	.20	1.00
Turtle Soup, the small black bean used for soup	.10	.25	1.25

WAX-PODDED VARIETIES.

Rust-Proof Golden Wax, none more desirable	.10	.25	1.50
Golden-Eyed Wax, almost rust-proof, quality good	.10	.25	1.50
Kidney Wax, productive and desirable	.10	.30	1.75
Yosemite Wax, the pods are nearly all solid pulp	.15	.40	2.50
Saddle-Back Wax very meaty and absolutely stringless	.15	.40	2.50
Black Wax, pods waxy-yellow, thick and tender	.10	.30	1.75
White Wax, very tender and delicious	.10	.35	1.75
Retugee Wax, suitable for early or late planting	.10	.30	1.75

See Special Offers on third page of cover.

BEANS. Pole or Running.

German, *Stangen Bohne*. — French, *Haricots à Rames*. — Spanish, *Judias*.

It is desirable to make the planting of Pole Beans at least a week later than the first planting of the bush sorts, as they are more tender. Plant in hills 3 to 4 feet apart, putting four or five beans in a hill, and leaving space in the centre for the pole. A liberal quantity of well-composted manure in each hill is desirable.

GREEN-PODDED VARIETIES.

	Pkt.	Qt.	Pk.
LARGE WHITE LIMA. This is considered the best of all pole beans	.10	.40	\$2.50
DREER'S IMPROVED LIMA , earlier than above, large and fine quality	.10	.40	2.50
SMALL LIMA , or Sieva, earlier than the preceding, beans smaller	.10	.35	2.25
RED POLE CRANBERRY , one of the earliest, quality unsurpassed	.10	.35	1.75
HORTICULTURAL POLE , the most popular pole beans, fine quality	.10	.30	1.75
BROCKTON POLE , handsome, vigorous, productive, and good green or dry	.10	.30	1.75
LAZY WIFE'S , entirely stringless, green pods, fine flavor, prolific	.10	.30	1.75
CONCORD , or Parti-colored, excellent quality and very prolific	.10	.30	1.75
SCARLET RUNNER , very ornamental flowers, early. An excellent string bean	.10	.30	1.75
WHITE RUNNERS , large white flowers. Good as a string bean	.10	.30	1.75

WAX-PODDED VARIETIES.

	Pkt.	Qt.	Pk.
EARLY GOLDEN CLUSTER , extra early, productive, of good quality	.10	.40	\$2.50
MONT D'OR , or Golden Butter, earliest of the wax pole varieties. Excellent	.10	.35	1.75
INDIAN CHIEF , or Black Wax, the most popular wax pole bean	.10	.35	1.75
GIANT WAX , an old-fashion favorite yellow-podded sort	.10	.40	2.00

BEET.

German, *Runkel Rube*. — French, *Betterave*. — Spanish, *Beteraga*.

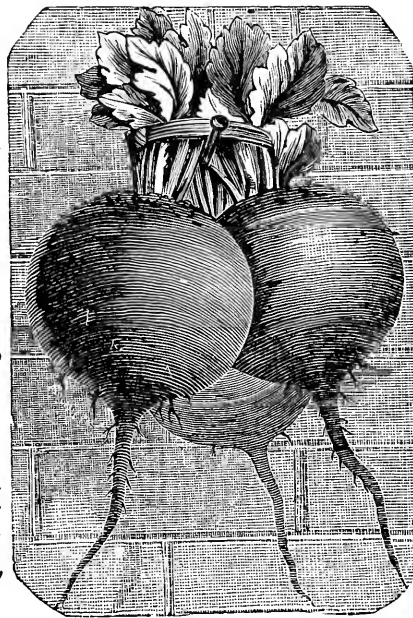
Sow from April to middle of June, in deep rich sandy loam, one inch deep, or in drills about one foot apart. Thin the young plants to the distance of six or eight inches, and fill up the vacant places with those taken out. The early turnip-rooted are the earliest, and are of fine quality. When young, the leaves make excellent greens. *One ounce will sow fifty feet of drill.*

EDMAND'S EARLY TURNIP, the best in shape, color, size, and quality

	Pkt.	Oz.	Lb.
CROSBY'S EGYPTIAN , as early as the original type, but thicker, smoother, and of better quality	.05	.10	\$0.75
ECLIPSE , very early, dark-red color, small top, smooth roots	.05	.10	.60
EGYPTIAN , the earliest, good color, smooth turnip beet	.05	.10	.60
DEWING'S EARLY BLOOD , a standard variety of excellent quality	.05	.10	.50
EARLY BASSANO , the earliest of all; flesh almost white	.05	.10	.60
EARLY BASTIAN , a quick, large-growing sort of good color	.05	.10	.60
LONG SMOOTH BLOOD RED , an excellent late variety	.05	.10	.60

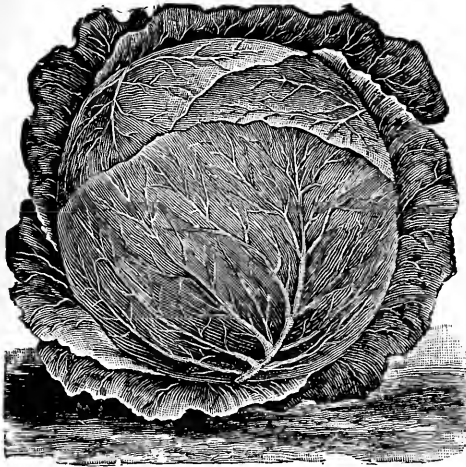
SWISS CHARD SEA-KALE. This variety is cultivated solely for its leaves. The midrib is stewed and served as Asparagus, the other portion of the leaves being used as Spinach

See Special Offers on third page of cover.



CABBAGE.

German, *Kopfkohl*. — French, *Chou Pomme*. — Spanish, *Berza*.
(For price on Cabbage Plants, see *Vegetable Plants*.)

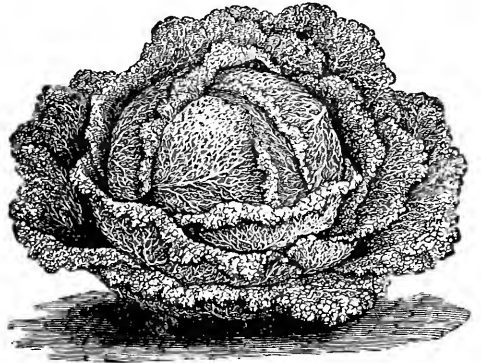


EARLY ETAMPES, one of the earliest
WINNINGSTADT, a conical-shaped variety,
EARLY YORK, a well-known, fine-flavored
early variety
**HENDERSON'S SUCCESSION CAB-
BAGE**. Valuable second and late crop
variety
ALL SEASONS, an early Drumhead variety,
WARREN-STONE-MASON, an improved
strain of Stone Mason, nearly as early as
Fottler's Brunswick, rounder in shape and
extremely solid
STONE MASON DRUMHEAD, a well-
known winter Cabbage of excellent quality,
FOTTLER'S IMPROVED BRUNSWICK,
a short-stemmed early Drumhead



All the cabbage tribe requires is the soil to be rich, deep, well-drained, and abundantly manured. For the early kinds, plant thirty inches between the rows and sixteen inches between the plants. For late kinds, three feet between the rows and two feet between the plants. For very early use, sow in January or February, in hot-beds. Set out when the plants are strong enough into other hot-beds, or set in cold-frames in March. Transplant when danger from frost is past to the open ground. For a succession, sow in the open ground last of March or early in April. Late plants are sometimes subject to attacks of the cabbage fly, which destroys them as fast as they appear above ground. To prevent this destruction, sprinkle the plants with wood ashes, air-slacked lime, plaster, slug-shot, or tobacco dust, when the plants are wet with dew. *One ounce of seed produces about 3,000 plants.*

	Pkt.	Oz.	Lb.
BRECK'S STRAIN EARLY JERSEY WAKE- FIELD , a favorite with Boston market gar- deners. Very early, medium size, of pyramidal shape . . . . .	.05	.25	\$2.50
HENDERSON'S EARLY SUMMER , a little later than Wakefield; larger and more globular in shape . . . . .	.05	.25	2.50
	Pkt.	Oz.	Lb.
	.05	.25	\$2.50
	.05	.25	2.50
	.05	.20	2.00
	.05	.25	2.50
	.05	.25	2.50
	.05	.30	3.00
	.05	.25	2.50
	.05	.25	2.50



	Pkt.	Oz.	Lb.
MARBLEHEAD MAMMOTH DRUMHEAD , the largest variety of Drumhead. Heads often weigh fifty pounds . . . . .	.05	.25	\$2.50
BRECK'S PREMIUM DRUMHEAD , recommend- ed for its immense size and sure heading qualities, BRECK'S PREMIUM FLAT DUTCH . This we consider superior to any late cabbage . . . . .	.05	.25	2.50
DRUMHEAD SAVOY , the largest of this class . . . . .	.05	.30	3.00
AMERICAN IMPROVED SAVOY , the best of all winter cabbages . . . . .	.05	.30	3.00
ENGLISH CURLED SAVOY (for greens). Used only to sow early in spring for greens . . . . .	.05	.10	.75
PERFECTION RED , superior in size and quality to all other red varieties . . . . .	.10	.40	4.00
RED DUTCH , or PICKLING , an old but desirable sort for pickling . . . . .	.05	.25	2.50

CARROT.

German, *Möhre*. — French, *Carotte*. — Spanish, *Zanahoria*.

Carrots are grown largely both for feeding to stock and culinary purposes; the long varieties used for the former, the "Horn" and medium sorts for the latter. The "Horn" sorts can be grown on thin soil and are mostly for early use. The others prefer deep, sandy loam that was well-manured the previous year for some other crop, such as potatoes or onions. Sow in April or May in drills about one inch deep and fifteen inches apart. Thin out the plants from three to eight inches apart, according to variety. *One ounce of seed is sufficient for one hundred feet drill, four pounds to an acre.*

	Pkt.	Oz.	Lb.
EARLY SCARLET FORCING , very early and valuable for forcing . . . . .	.05	.15	\$1.00
EARLY SCARLET HORN , a medium-sized, half-long variety of fine color . . . . .	.05	.10	1.00
GUERANDE , heart-shaped, intermediate between half-long and Horn sorts . . . . .	.05	.10	1.00
DANVERS HALF LONG , the most desirable main crop variety; an excellent keeper . . . . .	.05	.10	1.00
LONG ORANGE IMPROVED , a large, long-rooted variety, suitable for table or stock . . . . .	.05	.10	1.00
LARGE WHITE BELGIAN , the largest and most profitable for feeding to stock . . . . .	.05	.10	.50

See Special Offers on third page of cover.

CARDOON.German, *Kardon*. — French, *Cardon*. — Spanish, *Cardo Hortense*.

Cardoon is grown for the midrib of the leaf, which requires to be blanched in the same manner as celery. Sow early in spring, where the plants are to remain, in drills three feet apart and an inch and a half deep, and thin out the young plants to a foot apart in the drills.



LARGE SPANISH	Pkt.	Oz.	Lb.
	.10	.30	\$3.00

CAULIFLOWER.German, *Blumenkohl*. — French, *Chou-fleur*. — Spanish, *Ceiflor*.

(For price on Cauliflower Plants, see Vegetable Plants.)

Cauliflower is the most delicate and delicious of the cabbage family. For the production of the Cauliflower a rich, deep loam is required, a low moist situation being preferable. A liberal supply of water when possible produces very marked results. Seed of the early variety should be sown in a hot-bed in February or March. For later supply, sow seed in May, choosing a cool, moist place. When large enough, transplant, making the rows about 2½ feet apart, and 18 inches between the plants. Transplanting should be done in moist weather. One ounce of seed produces about 2,500 plants.

BRECK'S WHITE BOUQUET. This we believe the earliest and most reliable Cauliflower for New England. Since its introduction it has become an especial favorite with the market gardeners around Boston.

EARLIEST DWARF ERFURT, a very choice strain of the well-known Erfurt Cauliflower.

EARLY SNOWBALL, a reliable early variety, grown largely for market.

EARLY DWARF DANISH, a variety of the Erfurt from Denmark. It matures evenly and is a reliable header.

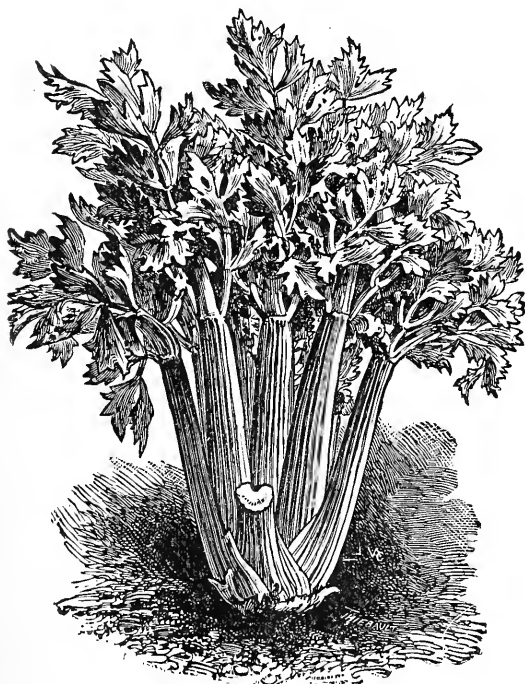
EARLY PARIS, an old but still popular sort.

VEITCH'S AUTUMN GIANT, a desirable large, late variety.

Pkt.	Oz.	¼ lb.
.25	\$3.50	\$12.00
.25	3.50	12.00
.20	2.50	10.00
.25	3.50	12.00
.10	.60	2.00
.10	.60	2.00

**CELERY.**German, *Sellerie*. — French, *Céleri*. — Spanish, *Apio*.

(For price on Celery Plants, see Vegetable Plants.)



Sow seed the first or second week in April in hot-bed or cold-frame. As soon as the plants have attained a height of three inches, transplant in prepared border, setting them four inches apart. In order to secure "stocky" plants, cut off the tops once or twice before transplanting into richly manured soil, in rows four feet apart, and from seven to nine inches plant to plant. Keep down all the weeds, and as fall approaches draw earth up to the plants, keeping the stalks well together. When well blanched it is ready for use. For winter use it is usually placed in frames and covered with litter, or stored in cold cellars. Some of the varieties, such as Golden Self-Blanching and White Plume, may be blanched by simply placing a board twelve to fifteen inches wide on edge on each side of the row, and to hold them in place tack bits of laths across the rows at the top. One ounce of seed produces about 3,000 plants.

BOSTON MARKET , the best and most popular sort in cultivation.	Pkt.	Oz.	Lb.
	.10	.30	\$3.50
EARLY ARLINGTON , excellent for early use.	.10	.30	3.50
GOLDEN SELF-BLANCHING , a self-blanching early golden-colored variety that is very popular.	.10	.40	4.00
WHITE PLUME . This variety can be blanched with boards. It is solid, and of a pleasing nutty flavor.	.10	.35	4.00
GIANT PASCAL , a sport from Golden Self-Blanching. A strong grower and wonderful keeper.	.10	.35	4.00
SANDRINGHAM , a dwarf white variety, solid, crisp, and fine-flavored.	.05	.30	2.50
CARTER'S DWARF CRIMSON , solid, crispy, and fine-flavored.	.05	.30	2.50
CELERIAC , or TURNIP-ROOTED . The turnip-shaped roots of this variety are cooked and sliced and used with vinegar, making a most excellent salad.	.05	.20	2.00
CELERY SEED FOR FLAVORING	.05	.10	.50

See Special Offers on third page of cover.

CORN.—Sweet.

German, *Mais*. — French, *Mais*. — Spanish, *Maiz*.

A rich, warm soil is best, especially for the earlier varieties, which ordinarily should not be planted before the middle of May. Successive plantings may be made until July. Plant in hills three or four feet apart each way, according to the height of the variety. *One quart will plant about 200 hills.*

SELECTED EARS, FIVE CENTS EACH, EXCEPT AS NOTED.

	Pkt.	Qt.	Pk.
CROSBY, Josiah Crosby's strain . . . . .	.10	.25	\$1.25
EARLY MAINE, earliest white-cob variety in cultivation . . . . .	.10	.25	1.25
EARLY CORY, earliest of all the red-cob varieties . . . . .	.10	.25	1.25
EARLY MARBLEHEAD, a variety similar to Cory . . . . .	.10	.25	1.25
EARLY MINNESOTA, dwarf habit . . . . .	.10	.20	1.00
FIRST CROP SUGAR, an extra early eight-rowed variety of good quality . . . . .	.10	.25	1.25
BRECK'S PREMIER, large, medium early, unequalled in quality . . . . .	.10	.25	1.25
MOORE'S CONCORD, ears large and well filled, early, and unsurpassed for richness . . . . .	.10	.20	1.00
BLACK MEXICAN, said to be the sweetest corn in cultivation . . . . .	.10	.25	1.25
POTTER'S EXCELSIOR, perhaps the best and sweetest main-crop variety . . . . .	.10	.25	1.25
NE PLUS ULTRA, medium-sized ears, very long kernels . . . . .	.10	.25	1.25
EGYPTIAN, a very large late variety, exceedingly sweet and superior . . . . .	.10	.25	1.25
MAMMOTH SUGAR, a late variety, produces ears larger than any other . . . . .	.10	.25	1.25
STOWELL'S EVERGREEN, the standard late variety . . . . .	.10	.25	1.00
COUNTRY GENTLEMAN, a large and later Ne Plus Ultra . . . . .	.10	.25	1.25

CORN.—Field.

VARIETIES FOR FIELD CULTURE.

Special Offer No. 2 only applies to Field and Fodder Corns.

	Qt.	Pk.	Bu.
ANGEL OF MIDNIGHT, the earliest and best yellow flint variety . . . . .	.20	.75	\$2.50
LONGFELLOW, eight-rowed yellow flint, long ears with small cob . . . . .	.15	.60	2.00
EARLY YELLOW CANADA, well-known early, eight-rowed flint variety, . . . . .	.15	.60	2.00
EARLY SANFORD, a white flint variety, equally valuable for ensilage or grinding . . . . .	.15	.60	2.00
LEAMING a yellow dent variety, very valuable for ensilage . . . . .	.15	.60	2.00
GOLDEN BEAUTY, a tall-growing leafy dent variety, suitable for ensilage, . . . . .	.15	.60	2.00
PRIDE OF THE NORTH. This variety can be successfully grown farther north than any other dent corn. Grown for ensilage or fodder . . . . .	.15	.60	2.00

BRECK'S BOSTON MARKET. This variety is now so well known that it is scarcely necessary for us to say that it is especially adapted for the purpose of ensilaging. More than a dozen different agricultural

	Qt.	Pk.	Bu.
experiment stations in the States have indorsed it, as have also thousands of successful farmers, . . . . .	.15	.60	\$2.00
P. & W. PERFECT MAMMOTH ENSILAGE, a well-known ensilage variety . . . . .	.15	.50	1.75
BLUNT'S PROLIFIC, an early eight-rowed heavy dent variety . . . . .	.15	.50	1.75
RED COB ENSILAGE, an excellent fodder and ensilage sort . . . . .	.15	.50	1.50
WHITE SOUTHERN, an immense cropper, valuable for ensilage and fodder			1.25
EVERGREEN SWEET FODDER. For cutting green and feeding to stock this variety excels all others in tenderness, sweetness, and nutriment. Also popular as a silo variety . . . . .	.15	.75	2.25

POP-CORN. { WHITE RICE, selected ears for seed purposes, 3 cts. per ear.
WHITE PEARL, selected ears for seed purposes, 3 cts. per ear.
EIGHT-ROWED WHITE, selected ears for seed purposes, 3 cts. per ear.
TATTOOED YANKEE POP-CORN, per pkt., 5 cts.

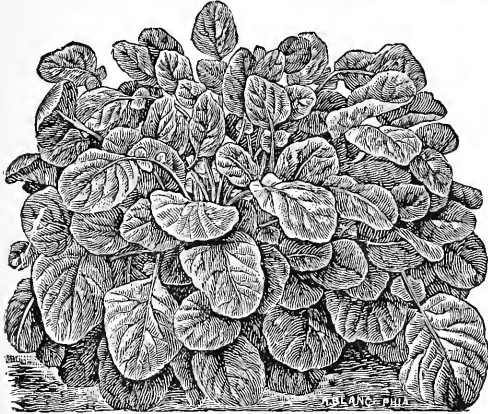
Special Offer No. 2 only applies to both Ensilage and Pop Corn.

See Special Offers on third page of cover.



CORN SALAD, or FETTICUS.German, *Lammersalat*. — French, *Mâche*. — Spanish, *Macha Valerianilla*.

Used as a salad. It is sown very early in spring, in rows one foot apart, and is fit for use in six or eight weeks. For early spring use sow in September, and winter in cold-frames, or cover with litter. One ounce will sow 100 feet of drill. Large-leaved. Per pkt., 5 cts.; ounce, 10 cts.; pound, \$1.00.

CRESS.German, *Garten und Brunnen Kresse*. — French, *Cresson*. — Spanish, *Mastuerzo*.

Sow early in the spring and at intervals throughout the season, for a succession, thickly in shallow drills, as it soon runs to seed. The Water Cress requires a stream of running water, ditch, or pond, in which it will grow without care, except at first keeping weeds from interfering with it. It is easily introduced by planting along the margins of ditches or streams, and increases rapidly by the spreading of the roots or from the seed.

	Pkt.	Oz.	Lb.
Extra Curled, or Peppergrass, fine flavor, and can be cut several times . . . . .	.05	.10	\$0.50
Erfurt Water, True, a perennial aquatic plant, . . . . .	.10	.40	4.00
Upland Cress, a hardy perennial, can be eaten raw or as a salad . . . . .	.10	1.00	

CUCUMBER.German, *Gurken*. — French, *Concombre*. — Spanish, *Pepino*.

The first planting should be made early in May on partly spent hot-beds; inverted sods form an excellent medium for plants to their permanent location, or small pots can be used. Such plantings are usually ready for transplanting to the open ground in from three to four weeks, and are seldom troubled with the striped bug. Transplanting, when practical, should be done in the evening, into hills four feet apart each way. Thin out to about four plants to a hill when established. The seed may be planted in hills late in May, thus giving a succession. For pickles, plant during the last two weeks of June.

Plaster Dust, or an infusion of Hellebore powder in water, will destroy the striped bug.

One ounce will plant about fifty hills.

	Pkt.	Oz.	Lb.
EARLY RUSSIAN. The earliest variety. About four inches long . . . . .	.05	.10	\$0.75
EARLY CLUSTER. Grows in clusters. Bluish-green color . . . . .	.05	.10	.75
EARLY FRAME. Of medium size. Valuable for both table and pickling . . . . .	.05	.10	.75
IMPROVED WHITE SPINE. The best table variety, of excellent quality . . . . .	.05	.10	1.00
IMPROVED LONG GREEN. The standard late variety. Productive and good . . . . .	.05	.10	1.00
TAILBY'S HYBRID. A cross between White Spine and an English Frame sort . . . . .	.05	.10	1.00
EVERBEARING. Medium size, early, and productive . . . . .	.05	.10	1.00
BOSTON PICKLING. Produces an abundant crop of short, dark-green fruit . . . . .	.05	.10	1.00
WEST INDIA GHERKIN. A short green oval . . . . .	.05	.15	1.50

ENGLISH FRAME VARIETIES.

These are mostly grown by private gardeners. They attain a length of from twelve to thirty inches, and are of fine quality. ROLLINSON'S TELEGRAPH. BLUE GOWN. CARTER'S MODEL. Each, per packet, 25 cents.

DANDELION.German, *Pardebium*. — French, *Pisse-en-lit*. — Spanish, *Amargon*.

The Dandelion is cultivated for spring greens, or for blanching for salad.

Sow seed in May or June, in drills half an inch deep and twelve inches apart. Cultivate, to keep down the weeds during summer, and upon the approach of severe weather cover with litter, which should be removed early the following spring.

One ounce will sow 200 feet of drill. One lb. will sow an acre.

	Pkt.	Oz.	Lb.
AMERICAN IMPROVED. A fine home-grown variety . . . . .	.10	.40	\$4.00
THICK-LEAVED FRENCH. Large and tender . . . . .	.10	.40	4.00

EGG-PLANT.German, *Eierpflanze*. — French, *Aubergine*. — Spanish, *Berengena*.
(For price of Plants, see Vegetable Plants.)

Sow the seed in hot-beds the first week in April, care being taken to protect the young plants from cold at night. Plant out about June 1, about two and a half feet apart. One ounce will produce about 1,000 plants.

	Pkt.	Oz.	Lb.
NEW YORK IMPROVED, the leading market variety; excellent and very productive . . . . .	.10	.40	\$4.00
Early Long Purple, differing in shape from the foregoing; early, hardy, and productive . . . . .	.10	.30	3.00
Black Pekin, early, fruit jet black, round in form and very solid, and of very superior quality, . . . . .	.10	.40	4.00

See Special Offers on third page of cover.



ENDIVE.

German, *Endivien*. — French, *Chicorée*. — Spanish, *Endivia*.

Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way, in August and September.

As it is generally used for salads, it should be blanched by tying all the leaves into a bunch at the extreme top. *One ounce will sow 150 feet of drill.*

	Pkt.	Oz.	Lb.
Broad-Leaved Batavian, used for soup and salads, the best variety . . . . .	.05	.20	\$2.00
Green Curled, a nicely curled sort . . . . .	.05	.25	2.50



KALE. See Borecole.

KOHL RABI (Turnip-Rooted Cabbage).

German, *Kohl-Rabi*. — French, *Chou-Rave*. — Spanish, *Col de nabo ó Nabicol*.

An intermediate vegetable between the Cabbage and Turnip. Sow in April, in rows 18 inches apart, and thin out or transplant in rows 8 inches apart. When 3 to 4 inches in diameter they are fit to eat. For late use, sow in June and July. *One ounce will sow 150 feet of drill.*

	Pkt.	Oz.	Lb.
Early White Vienna, flesh white and tender . . . . .	.05	.25	\$2.00
Early Purple Vienna, differing from the above in color . . . . .	.05	.25	2.00

LEEK.

German, *Lauch*. — French, *Poireau*. — Spanish, *Puerro*.

Makes a valuable second crop on land that has been used for cabbage, etc., but the soil should receive a liberal dressing of well-composted manure before being planted. Sow the seed in April, in rows 1 foot apart, and transplant in July. Transplant quite deeply into rows 15 inches apart, with 6 inches between the plants. Hoe up the earth around the stems when they begin to grow, so as to blanch and make them tender. *One ounce of seed will sow 100-foot drill.*

	Pkt.	Oz.	Lb.
MUSSELBURGH, or Scotch, grows to a large size; fine quality . . . . .	.05	.30	\$3.00
LONDON FLAG, a hardy sort . . . . .	.05	.20	2.00

LETTUCE.

German, *Lattich-Salat*. — French, *Laitue*. — Spanish, *Lechuga*.

(For price on Lettuce Plants, see Vegetable Plants.)



The most easily grown of all open-air plants used for salads. It requires a warm soil that has had a liberal dressing of well-rotted manure and abundant moisture. To be of a satisfactory quality, the growth should be rapid and vigorous. Seed may be sown in a frame in February or March, the plants set out as early as the ground can be worked, as light frosts will not injure them. Set the plants 9 inches apart in the rows, and 18 inches between the rows. For successive crops, sowings may be made every two weeks up to the end of August. *One ounce of seed will produce about four thousand plants.*

	Pkt.	Oz.	Lb.
DENVER MARKET, an early head variety, with blistered leaves like the Savoy Cabbage . . . . .	.05	.30	\$3.00
Big Boston, a larger Boston Market . . . . .	.05	.30	3.00
Breck's Boston Market, a superior selection of White-Seeded Tennis Ball, grows very compact, and is a most profitable forcing variety	10	.40	4.00
Black-Seeded Tennis Ball, well-formed heads; one of the best for out-door culture; compact and tender. . . . .	.05	.35	3.50
Black-Seeded Simpson, one of the best for out-door culture . . . . .	.05	.25	2.50
Boston Curled, esteemed for its earliness, beauty, and good table qualities . . . . .	.05	.25	2.50
Hanson, one of the best in cultivation, large, solid, heavy, crisp heads . . . . .	.05	.20	2.00
All the Year Round, an excellent summer Lettuce, also valuable for forcing . . . . .	.05	.25	2.50
Early Curled Simpson, forms a compact mass of tender leaves of a yellowish-green color . . . . .	.05	.20	2.00
Early Prize Head, large, hardy, and tender . . . . .	.05	.25	2.50
White Summer Cabbage, large, extra tender, and keeps well . . . . .	.05	.20	2.00
Trocadero, one of the finest head or package lettuce . . . . .	.05	.25	2.50
Paris Cos or Romain, a sort with long, narrow upright leaves. When tied up blanches nicely and bears close planting . . . . .	.05	.20	2.00

See Special Offers on third page of cover.

MARTYNIA.

The seed-pods are used for pickling, and should be gathered when green and tender. Plant in the open ground the last week of May in rows two feet apart, making hills one foot apart in the rows; place several seeds in each hill, and when well up thin out to one plant. *One ounce will plant fifty hills.*

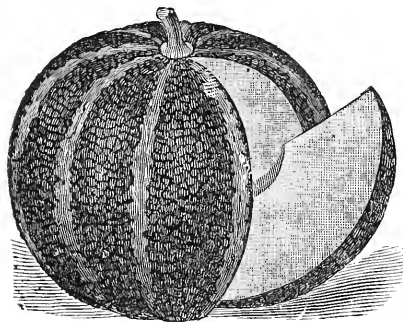
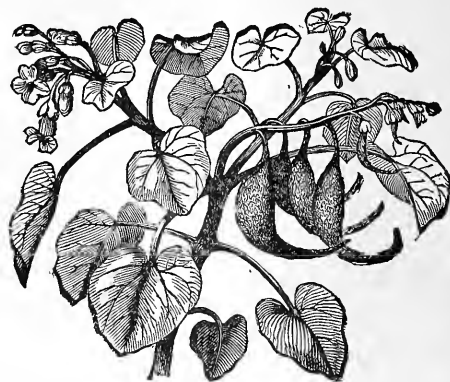
	Pkt.	Oz.	Lb.
Martynia Proboscidia . . . . .	.05	.40	\$4.00

MELON (Musk).

German, *Melone*. — French, *Melon*. — Spanish, *Melon*.

Melons prefer a warm, light, sandy loam; being tender plantings, should not be made before middle of May. Plant about six seeds, half-inch deep, in hills five to six feet apart each way. The hills should have at least a peck of well-rotted compost thoroughly stirred into each of them before the seed is planted. When well grown thin out to three plants in a hill. If an earlier crop than this method of cultivation allows is desired, the directions given for growing early cucumbers may be followed.

One ounce will plant about sixty hills. Two pounds will plant an acre.



	Pkt.	Oz.	Lb.
Bay View Cantaloupe, large size, green flesh, fine flavor . . . . .	.05	\$0.10	\$0.80
Emerald Gem, small, but prolific, superior quality . . . . .	.05	.10	.80
Breck's Improved Emerald Gem, beautiful, large, almost smooth, green variety, with very solid orange flesh of unequalled quality . . . . .	.25	1.00	
Montreal Green Nutmeg, early, large size, excellent quality . . . . .	.05	.10	.80
Prolific Nutmeg, thick, green flesh, with honey flavor . . . . .	.05	.10	.80
Surprise, bright-yellow flesh, musky flavor, medium size . . . . .	.05	.10	.80
Hackensack Improved, large, productive, and fine flavored . . . . .	.05	.10	.80
Early Christiana, green, with yellow flesh, an excellent early sort . . . . .	.05	.10	.80
Casaba, large size, green flesh, fine quality . . . . .	.05	.10	.80
Large Yellow Musk, large, flesh salmon-yellow, very sweet . . . . .	.05	.10	.80
White Japan, early, medium size, skin cream-white . . . . .	.05	.10	.80
Mango, for Pickles, small, used in the green state . . . . .	.10	.40	4.00

MELON (Water).

French, *Melon d'eau*. — German, *Wassermelone*. — Spanish, *Sandia*.

Water Melons require the same general treatment as Musk Melons; but being more tender they should have the best possible exposure. The hills should be eight feet apart.

One ounce for thirty hills; five pounds for an acre.

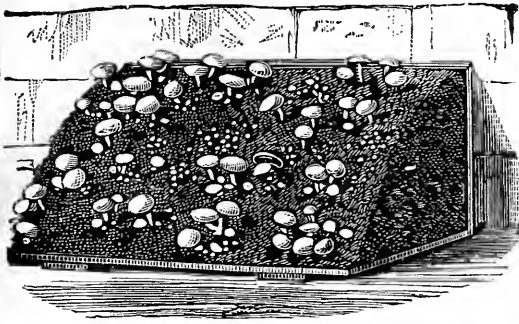
	Pkt.	Oz.	Lb.
Phinney's Early, a standard sort for N. E., bright-red flesh, sweet and tender . . . . .	.05	.10	.75
Black Spanish, scarlet flesh, thin rind, sugary flavor . . . . .	.05	.10	.75
Mountain Sweet, one of the best for general culture . . . . .	.05	.10	.75
Ice Cream, medium size, solid, scarlet flesh, fine flavor . . . . .	.05	.10	.75
Green and Gold, a large early variety, of fine quality . . . . .	.05	.10	.75
Ruby Gold, a sport from green and gold, of fine quality and appearance . . . . .	.05	.10	.75
Cuban Queen, round, large, bright red, sweet and sugary . . . . .	.05	.10	.75
Citron, for preserving . . . . .	.05	.10	.75

See Special Offers on third page of cover.

MUSHROOM.

German, *Champignon*. — French, *Champignon*. — Spanish, *Hongo*.

(*Special offer No. 2 only applies to Mushroom Spawn.*)



Mushrooms may be grown in cellars, out-houses, sheds, or under greenhouse benches. The amateur, however, is more likely to meet with success in cellars than elsewhere, as the cool moisture of the atmosphere and the uniform temperature are more congenial to the growth of this vegetable than that in structures above ground. The temperature should range between fifty-five and sixty degrees. Use a mixture of equal *weights*, fresh horse droppings and loam that has no manure in it. Before placing this mixture in the bed turn it over every day for a week so that it does not heat violently, and be careful to keep it under cover so that it cannot get wet. Then begin to make the bed by spreading thin layers of the mixture, and pound each firm, until you have in all a depth of eight to ten

inches; leave it thus for a few days until the heat runs up to a hundred degrees or over and then declines to ninety degrees; when this point is reached it is ready for spawning, which is done by making holes, three or four inches deep and twelve inches apart each way; into each hole put a piece of spawn about as large as a hen's egg and fill in the hole with compost. At the end of ten or twelve days the spawn will have run through the whole bed. There should then be spread over the entire surface about two inches of fresh loam. Over all place a few inches of straw. All that remains to be done is to keep the temperature as near to sixty degrees as possible; it should never be allowed to fall below forty degrees, or the crops will be both reduced and delayed. Ordinarily, if the conditions are right, mushrooms will appear in about six weeks and continue to come for about a month. In the event of the surface of the bed becoming very dry at any time sprinkle it freely with water at a temperature of about a hundred degrees. After the first crop has been taken off the bed, it should receive a dressing of fresh loam to a depth of half an inch, thoroughly firmed, over the entire surface, and when dry a sprinkling with water as above recommended, and a second crop will soon be had. *A brick of English spawn is sufficient for nine square feet of bed.*

	Lb.	100 lbs.
Mushroom Spawn, original English Milltrack, superior to all others . . . . .	.15	\$12.00
Mushroom Spawn, genuine French Virgin . . . . .	.50	45.00

MUSTARD.

German, *Senf*. — French, *Moutarde*. — Spanish, *Mostaza*.

Cultivated as a salad. The leaves are used like cress, when very young. Sow thickly in rows at different times from April to June, and cut when about two inches high; for use during winter, it may be sown at intervals in boxes, in the greenhouse, or in a frame. *One ounce will sow forty feet of drill.*

	Oz.	Lb.
White London . . . . .	.05	\$0.25
Brown or Black, more pungent in flavor than white . . . . .	.05	.25
Chinese, leaves twice the size of the ordinary white mustard, of a deeper green, flavor pleasantly sweet and pungent, and desirable as a salad . . . . .	.15	1.00

NASTURTIUM, or INDIAN CRESS.

German, *Indianische Kresse*. — French, *Capucine*. — Spanish, *Capuchina*.

Cultivated both for use and ornament; the seeds while young and succulent are picked and used as capers. The young leaves are also useful in salads. Its beautiful scarlet and orange colored flowers, which bloom freely all summer, add a charm to the garden. *One ounce will sow forty feet of drill.*

	Pkt.	Oz.	Lb.
Tall, excellent for covering fences, trellis-work, etc. . . . .	.05	.15	\$2.50
Dwarf, good for borders . . . . .	.05	.25	3.00

OKRA, or GUMBO.

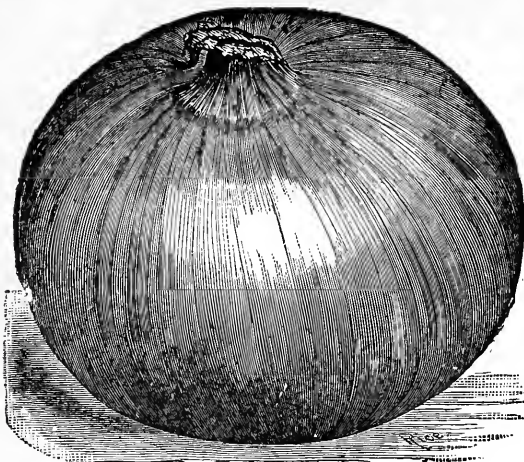
German, *Essbarer*. — French, *Gumbo*. — Spanish, *Quibombo*.

This vegetable is of the easiest culture, and grows freely, bearing abundantly in any ordinary garden soil. Sow early in May, in drills two inches deep, setting the plants from two to three feet apart. *One ounce will sow forty feet of drill.*

	Pkt.	Oz.	Lb.
Improved Dwarf Green, early and productive . . . . .	.05	.10	\$0.75
Tall White, about six feet high; pods eight to ten inches long; an inch and a half thick at the stem, tapering to a point . . . . .	.05	.10	.75

See Special offers on third page of cover.

ONION.



German, *Zweibel*. — French, *Oignon*. — Spanish, *Cebolla*.

The Onion thrives best in rather strong, deep, loamy soil, which should be well enriched with old well-rotten manure or compost, or what is better, deeply trench, add manure the autumn previous to sowing, and lay upon ridges during the winter to soften. Sow the seed thinly in drills about one-quarter inch deep and one foot apart. To ensure quick and safe germination after sowing the seed, the drills should be trod along evenly with the foot, and then raked even, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed. When three inches high thin to two inches apart. Hoe frequently to keep down weeds. In the seed rows where the hoe cannot be used, the soil should be stirred with the fingers, otherwise weeds will quickly grow up and choke the crop. *One ounce of seed will sow one hundred feet drill; four pounds per acre.*

THE SEED WE OFFER, WITH THE EXCEPTION OF THE IMPORTED VARIETIES, IS EASTERN GROWN, AND CALCULATED TO GIVE MORE SATISFACTORY RESULTS THAN WESTERN-GROWN SEED.

	Pkt.	Oz.	Lb.
Yellow Globe Danvers, grown from specially selected bulbs . . . . .	.10	.30	\$3.00
Yellow Globe Danvers, good, but not quite as good as the foregoing . . . . .	.05	.25	2.50
Large Red Wethersfield, deep-red color, immense yielder and excellent keeper . . . . .	.05	.25	2.50
Red Globe, a fine. globe-shaped onion of superior quality . . . . .	.05	.25	2.50
Extra Early Red, flat in shape and fully two weeks earlier than the Wethersfield . . . . .	.05	.25	2.50
White Portugal, early, mildly flavored, and excellent . . . . .	.05	.35	3.50
New Queen, a small white variety grown extensively in the South . . . . .	.05	.25	2.50
Giant Rocca, beautiful globe-shaped, light-red onion, and mildly flavored . . . . .	.05	.25	2.50
White Italian Tripoli, grows to an immense size, flat in shape, very mild in flavor . . . . .	.05	.25	2.50
Red Italian Tripoli, same as the White, except in color . . . . .	.05	.25	2.50

ONION SETS.

(Prices Variable.)

Special Offer No. 2 only applies to Onion Sets.

The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows one foot apart, with sets three or four inches apart. When raised from sets the onions can be used in the green state in June, or they will be ripened off by July.

	Qt.	Peck.		Qt.	Peck.
Top or Button Onions . . . . .	.30	\$1.50	Onion Sets, White . . . . .	.30	\$1.75
Potato Onions. . . . .	.30	1.50	Garlic Sets . . . . .	.50	
Onion Sets, Yellow or Red . . . . .	.30	1.50	Shallots . . . . .	.25	1.75

PARSNIP.

German, *Pastinake*. — French, *Panais*. — Spanish, *Pastinaca*.

Sow thick in April, in rows twelve inches apart and one inch deep, in a rich, deep soil, well manured the previous fall, or with fine manure early in March. When the plants are two or three inches high, thin out to five or six inches apart in the rows. Unlike carrots they are improved by frost, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug up as required. *One ounce for one hundred feet of drill; five pounds to an acre.*

	Pkt.	Oz.	Lb.
Long Smooth, the best for general use . . . . .	.05	.10	.60
The Student, a fine-flavored variety . . . . .	.05	.10	.60

PARSLEY.

German, *Petersilie*. — French, *Persil*. — Spanish, *Perejil*.

Soak the seeds a few hours in tepid water, and sow early in the spring in drills one foot apart; thin out the plants to three or four inches apart; a single row forms a very good edging for beds or walks. The seed germinates very slowly, and sometimes two or three weeks will elapse before the plants make their appearance. *One ounce to one hundred and fifty feet of drill.*

	Pkt.	Oz.	Lb.
New Fern-leaved, most exquisite in form and coloring . . . . .	.05	.15	\$1.25
Extra Moss Curled, leaves beautifully curled, extra fine for garnishing . . . . .	.05	.15	1.25
Hamburg or Turnip-Rooted, roots used for flavoring soups . . . . .	.05	.15	1.25



See Special Offers on third page of cover.

PEAS.

German, *Erbse*. — French, *Pois*. — Spanish, *Chicaros*.

Peas come earliest to maturity in light, rich soils, but for a general crop a deep loam or moderately heavy soil is better. For early crops decomposed leaves or leaf mould should be used; if the soil is very poor stronger manure may be applied. The first sowing will be earlier if covered only one inch deep; those following should be covered two to six inches deep, the deep planting preventing mildew and prolonging the season. Fresh manure, and wet, mucky soil should be avoided, as they cause the vines to grow too rank and tall. All wrinkled Peas are superior to, more delicate in flavor, and remain longer in season than the smooth sorts, but should not be sown until the ground becomes warm, for, as in sugar-corn, the wrinkled appearance indicates the greater amount of saccharine matter.

EXTRA EARLY SORTS.

	Pint.	Qt.	Peck.	Bu.
Breck's Excelsior, the best extra early for market and private garden . . . . .	.15	.30	\$1.50	\$5.00
P. & W. Maud S., a valuable extra early variety . . . . .	.15	.25	1.25	5.00
Alaska, a smooth, blue, prolific, sweet extra early variety . . . . .	.15	.25	1.25	5.00
Improved Dan'l O'Rourke, a standard extra early variety . . . . .	.15	.25	1.25	5.00
Early Dexter, one of the best round white-seeded varieties . . . . .	.15	.25	1.25	5.00
Kentish Invicta, resembles	Pint.	Qt.	Peck.	Bu.
Alaska, but a little later . . . . .	.15	.25	\$1.25	\$5.00
Tom Thumb, very early, excellent quality, grows only about nine inches high . . . . .	.15	.25	1.25	5.00
Bliss' American Wonder, earliest wrinkled sort . . . . .	.15	.30	2.00	8.00
Carter's Premium Gem, a dwarf prolific green wrinkled early variety . . . . .	.15	.25	1.50	5.00
McLean's Little Gem, a variety similar to the preceding . . . . .	.15	.25	1.50	5.00
Alpha, a fine-flavored early wrinkled variety . . . . .	.15	.25	1.50	5.00

SECOND EARLY SORTS.

Bliss' Abundance, strong vines of medium height that bear an enormous number of well-filled pods, quality superior . . . . .	.15	.25	1.25	5.00
Boston Wrinkled, superior to any other second early sort . . . . .	.15	.30	1.75	6.00
McLean's Advancer, a dwarf green wrinkled marrow of fine flavor . . . . .	.15	.25	1.25	5.00

Bliss' Everbearing, a most desirable main crop variety for the private grower	Pint.	Qt.	Peck.	Bu.
	.15	.25	\$1.25	\$5.00

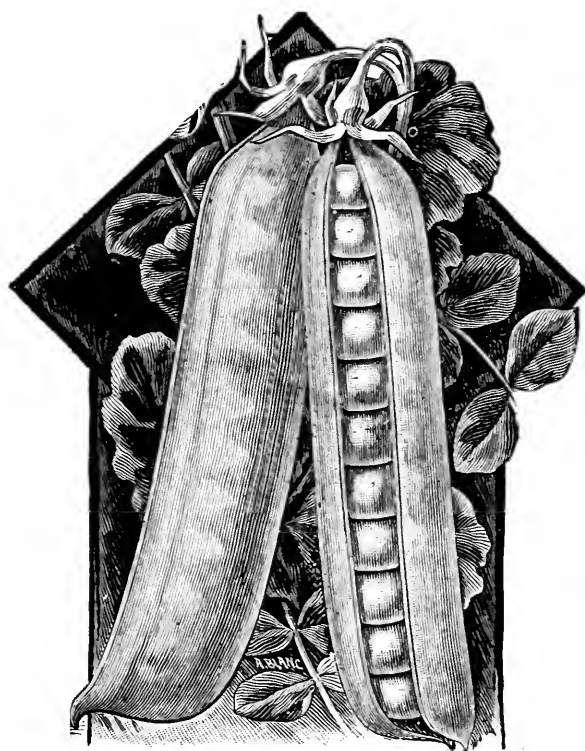
GENERAL CROP.

Champion of England, the standard late variety, sweet and productive . . . . .	.15	.25	1.25	4.50
Yorkshire Hero, a wrinkled marrow of extra fine quality . . . . .	.15	.30	1.75	6.00
Carter's Telephone, a vigorous grower, extra large well-filled pods . . . . .	.15	.30	1.50	5.00
Stratagem, a sport that usually produces stalky vines covered with full pods of extra size . . . . .	.20	.30	2.00	7.00
Shropshire Hero, after the style of Yorkshire Hero, but more desirable . . . . .	.20	.30	2.00	7.00
Pride of the Market, an enormously productive wrinkled marrow of good quality . . . . .	.15	.30	1.75	6.00
Profusion, a productive, large-podded sort of good quality . . . . .	.20	.40	2.00	7.00
Dwarf White Marrow, an old-fashioned yet popular variety . . . . .	.10	.20	.75	2.50
Blackeye Marrow, an excellent old-fashioned sort . . . . .	.10	.20	.75	2.50

EDIBLE PODDED PEAS.

Early Dwarf Wrinkled Sugar, a French variety, early and of good quality	Pkt.	Qt.	Pk.
	.20	.40	\$2.00
Tall Gray Sugar, can be used either shelled or cooked in the pods . . . . .	.20	.40	2.00

See Special Offers on third page of cover.



PEPPER.

German, *Pfeffer*. — French, *Piment*. — Spanish, *Pimiento*.

Golden Dawn Mango Pepper.

Plant in hot-beds in March, and transplant into the open ground the latter part of May, in rows about twenty inches apart and eight inches apart in the row. Repeated hoeings promote their growth.

One ounce of seed will produce about 2,000 plants.

	Pkt.	Oz.	Lb.
LARGE BELL, or BULL NOSE, fruit large; an early sweet variety . . . . .	.05	.30	\$3.50
Cayenne, Long Red; the pods of this variety are from three to four inches in length, cone-shaped, and coral red when ripe . . . . .	.05	.30	3.50
Squash, or Tomato Shaped, the kind most generally grown for pickling; an excellent sort . . . . .	.05	.30	3.50
SWEET MOUNTAIN, or MAMMOTH, similar in shape to the Large Bell, but of much larger size . . . . .	.05	.30	3.50
Red Cherry, fruit round; very productive and ornamental . . . . .	.05	.30	3.50

PUMPKIN.

German, *Kurbis*. — French, *Courge*. — Spanish, *Calabaza*.

The Pumpkin is now little used except for agricultural purposes, the squashes being so much sweeter and drier and finer grained for the kitchen. The farmer, however, finds the Pumpkin a serviceable addition to his feed. The most common and least troublesome method of cultivation is to plant them with corn, two or three seeds in each hill.

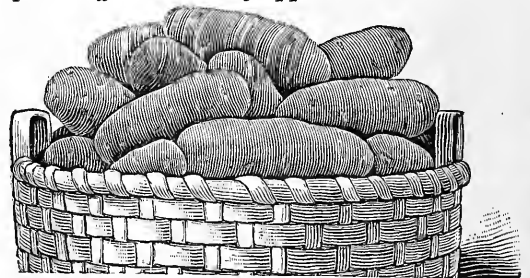
	Pkt.	Oz.	Lb.
Sweet Sugar, round, not large, but very sweet, and an excellent table variety . . . . .	.05	.10	\$0.60
Mammoth, grows to an immense size, often weighing over one hundred pounds . . . . .	.10	.30	3.00
Connecticut Field, very productive; largely grown for feeding stock. Per bushel, \$4.00 . . . . .	.05	.10	.25
Large Cheese, very productive; grown for both stock and table . . . . .	.05	.10	.60

POTATOES.

PRICES SUBJECT TO MARKET CHANGES.

Special prices on large quantities quoted on application. Special Offer No. 2 only applies to Potatoes.

Of the many varieties of Potatoes that claim public favor, we have selected only a few, and these the best in cultivation. We aim to include in our list only those sorts which we have found by actual test are worthy of cultivation. Orders will be booked as received, and shipped in rotation, after danger of freezing is over; and as Potatoes are of perishable character, we assume no responsibility for damages incurred in transit, but we will, of course, exercise the greatest care to guard against sudden changes in the temperature.



	Peck.	Bush.	Bbl.
Early Northern, a seedling from Early Rose, which it resembles; productive . . . . .	.75	\$2.00	\$4.00
New Queen, true Northern Maine grown, good keeper, very early, excellent quality . . . . .	.60	1.75	3.50
Bliss Triumph, well-known early sort, of superior quality and excellent flavor . . . . .	.75	2.00	4.00
Ohio Junior, extra early sort, good keeper, very productive, of fine quality . . . . .	.75	2.00	4.00
Polaris, a sport from Early Rose, white skinned, fine grain, very mealy . . . . .	.75	2.00	4.00
Clark's No. 1, well-known sort, fine flavor and exceedingly productive . . . . .	.60	1.75	3.50
P. and W. Victory, a handsome variety, resembling Clark's No. 1, but earlier . . . . .	.60	1.75	3.50
Pearl of Savoy, very early, large, oblong tubers, productive, and of superior quality . . . . .	.60	1.75	3.50
Beauty of Hebron, a standard sort, pure white skin and flesh; the best for general use . . . . .	.60	1.75	3.50
Houlton Early Rose, so well known it needs no description; our stock is true and unmixed, . . . . .	.60	1.75	3.50
Dakota Red, produces freely large tubers, skin rough, and netted eyes quite deeply set . . . . .	.50	1.50	3.00

See Special Offers on third page of cover.

RHUBARB.

German, *Rhabarber*. — French, *Rhubarbe*. — Spanish, *Ruibarbo Bastardo*.

(For price of Rhubarb Roots, see Vegetable Plants.)

Sow early in the spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil about three feet apart each way. If propagated by dividing the roots, it may be done either in fall or spring, planting it at the same distance apart as given above.

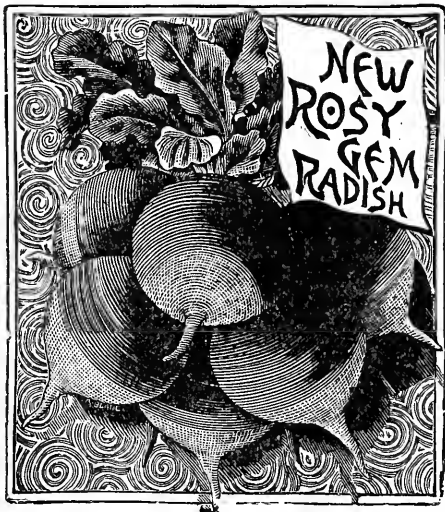
	Pkt.	Oz.	Lb.
Linnæus, early, large, and tender . . . . .	.10	.25	\$3.00
Victoria, very large, later than Linnæus . . . . .	.10	.25	3.00

RADISH.

German, *Rettig*, *Radieschen*. — French, *Radis*, *Rave*, *Petit Rave*. — Spanish, *Rábano*.

Radishes require a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and especially in flavor. For a constant supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a hot-bed in February. For winter Radishes, sow the seed about beginning of July, and keep the roots during winter in a cool cellar, covered with earth. They should be placed in cold water an hour or so before using.

1 oz. of seed will sow 100 feet drill; 10 lbs. per acre.

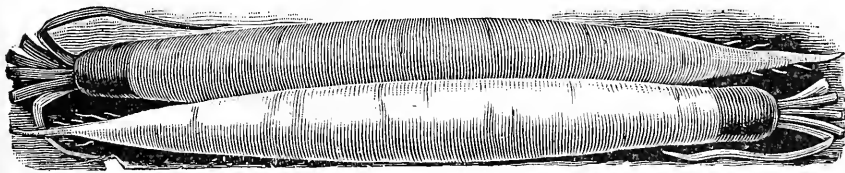


	Pkt.	Oz.	Lb.
Long Scarlet Short-Top, bright scarlet, crisp . . . . .	.05	.10	\$0.75
French Breakfast, a variety of quick growth . . . . .	.05	.10	.75
The Startle, a half-long variety, fine for forcing, . . . . .	.05	.10	1.00
Olive-Spades Scarlet, an early sort . . . . .	.05	.10	.75
Rosy Gem, globe-shaped, upper portion scarlet, shading into white at the tip . . . . .	.05	.10	1.00
White Tipped Scarlet Turnip, an early variety of medium size, crisp and tender . . . . .	.05	.10	.75
Scarlet Turnip, one of the best for summer use . . . . .	.05	.10	.75
White Turnip, excellent for summer use . . . . .	.05	.10	.75
Rose China Winter, bright rose color, grows to a large size, quality excellent . . . . .	.05	.10	.75
Long Black Winter, an exceedingly fine winter variety . . . . .	.05	.10	.75
Round Black Winter, like the preceding, except in shape . . . . .	.05	.10	.75

SALSIFY, or OYSTER PLANT.

German, *Boksbart*. — French, *Salsifis*. — Spanish, *Ostra Vegetal*.

The demand for Salsify is increasing from year to year, as its delicious qualities are becoming known. It is used stewed, boiled, or fried, and sometimes as a salad sliced raw in vinegar with salt and pepper. When cooked it has an oyster flavor, and is commonly called "vegetable oyster." Cultivate and start same as Parsnip. One ounce will sow fifty feet of drill.



	Pkt.	Oz.	Lb.
Breck's Improved, roots of medium size, white and smooth . . . . .	.05	.15	\$1.50
Mammoth Sandwich Island, twice as large as the preceding, and of fine quality . . . . .	.05	.15	1.50

SPINACH.

German, *Spinat*. — French, *Épinard*. — Spanish, *Espinaca*.

Spinach likes a rich soil, and should be sown for a main crop in August or September. When cold weather sets in, it should be protected from frost by covering it with straw and brush. For summer use sow at intervals of two or three weeks from April to August. One ounce will sow fifty feet of drill; twelve pounds per acre.

	Pkt.	Oz.	Lb.
Round Thick Leaf, one of the best . . . . .	.05	.10	\$0.30
Long Standing, does not readily run to seed . . . . .	.05	.10	.30
Savoy Leaf, an extra good "carrier" . . . . .	.05	.10	.30
Prickly or Winter, hardy . . . . .	.05	.10	.30
New Zealand (<i>Tetragonia expansa</i>), a distinct spreading plant, producing an abundant supply of greens all summer; should be started in a hot-bed, and transplanted when the ground is warm; set three feet apart each way . . . . .	.05	.15	1.00

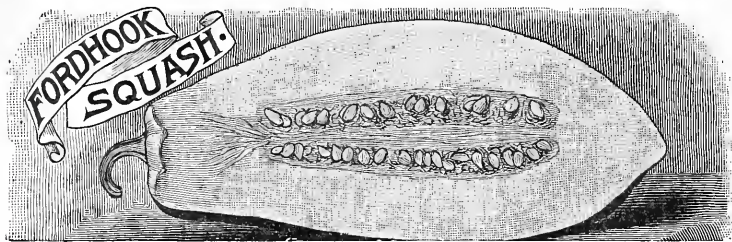


See Special Offers on third page of cover.

SQUASH.

German, *Kurbiss*. — French, *Courge*. — Spanish, *Calabaza Tontanera*.

As all Squash are somewhat tender, they should not be planted out until danger from frost is past. They will grow on almost any soil, but a warm, mellow one that has been well manured suits them best. The hills for bush varieties should be about six feet apart; for running sorts, eight to ten feet. Thin out to two plants to a hill, and in the early stages of growth keep well sprinkled with plaster dust. *Bush varieties, one ounce to fifty hills; running varieties, one ounce to twenty hills; four pounds per acre.*



	Pkt.	Oz.	Lb.
White Bush Scalloped, the best for very early use	.05	.10	\$0.75
Golden Summer Crookneck, long in shape, bright-yellow color, an excellent summer sort	.05	.10	.75
Early Prolific Marrow, earlier and more prolific than the <i>Boston Marrow</i>	.05	.10	.75
Fordhook, a small, extra quality, cream-colored squash, that keeps well till spring	.05	.10	1.00
Boston Marrow, a good fall and winter variety, follows in earliness the summer sorts	.05	.10	.75
Hubbard, a standard winter squash, meat dry, and fine flavored	.05	.10	.75
Marblehead, remarkable for its combination of sweetness, dryness, and delicious flavor	.05	.10	.75
Essex Hybrid, a cross between <i>Turban</i> and <i>Hubbard</i> , an excellent keeper	.05	.10	.75
American Turban, very fine grained, dry, rich, and sweet	.05	.10	.75
Bay State, style of <i>Essex Hybrid</i> , color blue, fine dry, sweet flesh	.05	.10	.75
Winter Crookneck, an old standard variety, hardy, and a good keeper	.05	.10	.75
Canada Crookneck, the best of the winter Crooknecks for table use; small, but productive	.05	.10	.75

SUNFLOWER.

	Pt.	Qt.	Bush.
Large Russian	.10	.15	\$3.00

TOBACCO.

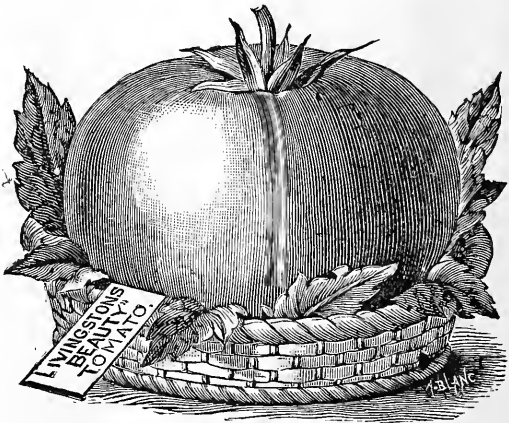
	Pkt.	Oz.	Lb.
Connecticut Seed-Leaf, best adapted to the climate of the Northern and Middle States	.10	.30	\$3.00

TOMATO.

German, *Liebesapfel*. — French, *Tomate*. — Spanish, *Tomate*.
(For Tomato Plants, see *Vegetable Plants*.)

The seed should be sown in a hot-bed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out about four or five inches apart in another hot-bed. About the middle of May the plants may be set in the open ground; they are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. *One ounce will produce about 2,000 plants.*

	Pkt.	Oz.	Lb.
Breck's Belmont, the best for either forcing or out-door culture. The bright-scarlet fruit is borne in clusters of four or five. It is finely flavored, has very few seeds, no core, and remains firm a long time when ripe	.10	.40	\$4.00
Acme, very early and productive, medium size, dark-red fruit	.05	.30	3.00
Dwarf Champion, of dwarf and strong habit, fruit fine color, with few seeds	.05	.30	3.00
Canada Victor, one of the earliest, of medium size, very symmetrical in form	.05	.30	3.00
Lorillard, especially adapted for culture under glass	.05	.30	3.00
Livingston's Beauty, an early variety, growing in clusters of four or five, glossy crimson in color	.05	.30	3.00
Livingston's Favorite, perfect in shape; ripens evenly and quite early. It is noted for its good shipping qualities	.05	.30	3.00



	Pkt.	Oz.	Lb.
Livingston's Perfection, large and early, blood red, perfectly smooth, thick meat, few seeds	.05	.30	\$3.00
Paragon, medium size, color dark-red, ripens evenly, very solid, largely used for canning	.05	.25	2.50
Peach, resembles a peach in size, shape, and color; fine for preserves	.05	.30	3.00
Red Cherry, a small early variety, size and shape of a cherry, used for pickling	.05	.30	3.00
Yellow Cherry, similar to preceding, except in color	.05	.30	3.00
Strawberry, or Winter Cherry (<i>Physalis Alkekengi</i>). The fruit grows in a husk, and will keep all winter. It has a pleasant strawberry-like flavor and is esteemed by many for preserving	.05	.30	3.00

See Special Offers on third page of cover.

TURNIP.

German, *Steckrube*. — French, *Navet*. — Spanish, *Nabo Comun*.

Turnips may be sown at all seasons from April to August in our climate, although those will be the best which are sown very early in spring for summer crop, and early in August for a fall and winter crop. A light soil well manured the previous year is the best; no manure should be applied at the time of sowing, unless it be well-decomposed compost, or the roots would be liable to be bad-flavored. The ground should be dug and ploughed deep and made mellow and fine. Sow the seed of the flat sorts broadcast, and rake in evenly. After they are well up, thin to six or eight inches apart, and keep them clear from weeds. The Ruta Baga sorts should be sown in drills fifteen inches apart, and for winter use may be sown from the twentieth of June to the middle of July, on land that has been well manured for other crops in spring; thin out as for the early crop. One ounce will sow 150-feet drill. Two pounds will sow one acre in drills. One pound will sow one acre broadcast.

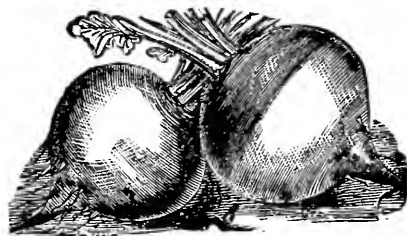


Purple Top Flat Turnip.

	Pkt.	Oz.	Lb.
Purple-Top Milan, the earliest of the flat Redtop Turnips, small strapped leaves, white, sweet, tender flesh	.05	.10	.50
Redtop Strap Leaf, the best of the flat Turnips. Equally valuable for early or late crops	.05	.10	.50
White-Top Strap Leaf, similar to the preceding, but not so popular	.05	.10	.50
White Egg, a handsome egg-shaped white variety; grows large	.05	.10	.50
White Norfolk, one of the best late varieties for stock	.05	.10	.50
Long White or Cow Horn, flesh white, fine graded and sweet, and of excellent quality	.05	.10	.50
Purple-Top White Globe, a round handsome turnip of superior quality, either for the table or stock	.05	.10	.50
Yellow Stone or Globe, of medium size, excellent flavor, and a good keeper; flesh yellow,	.05	.10	.50
Golden Ball, a small, golden-yellow flesh variety, unsurpassed for table use	.05	.10	.50
Yellow Aberdeen, very hardy and productive; good for stock and table; keeps well	.05	.10	.50

RUTA BAGA, or SWEDISH TURNIP.

	Pkt.	Oz.	Lb.
Improved American, flesh yellow, solid, sweet, and fine flavor	.05	.10	.50
Skirving's Purple Top, large-yellow, firm flesh, sweet, and a good keeper	.05	.10	.50
Shamrock, a globe-shaped, very hardy, fine-grained, yellow	.05	.10	.50
St. Andrews, a yellow flesh variety of excellent quality	.05	.10	.50
Sweet German, flesh pure white, very solid, sweet, mild, well flavored	.05	.10	.60
White French, an excellent sort for table or stock. Flesh firm, white, and solid; a popular market variety	.05	.10	.60
Budlong Swede, a choice strain of white Swede, said to be earlier and of better form than other sorts	.05	.10	.60



Purple Top Ruta Baga Turnip.

SWEET, POT, and MEDICINAL HERBS.

	Pkt.	Oz.		Pkt.	Oz.		Pkt.	Oz.
Anise	.05	\$0.15	Coriander	.05	\$0.15	Rosemary	.10	\$0.50
Balm	.10	.40	Dill	.05	.15	Rue	.10	.30
Basil Sweet	.10	.20	Fennel	.05	.15	Sage	.05	.20
Borage	.05	.20	Hop Seed	.25	2.00	Savory, Summer	.05	.20
Caraway	.05	.10	Horehound	.10	.40	Sorrel, Broad-leaved	.05	.20
Catnip	.10	.50	Hyssop	.10	.40	Thyme, Broad-leaved	.05	.30
Chervil, Curled	.05	.20	Lavender	.05	.20	Winter Savory	.10	.40
Chicory	.05	.10	Marjoram	.05	.25	Wormwood	.05	.20

FRUIT-TREE SEEDS.

	Pkt.	Oz.	Lb.		Pkt.	Oz.	Lb.		Pkt.	Oz.	Lb.
Apple	\$0.05	\$0.10	\$0.50	Currant	\$0.10	\$0.40	\$4.00	Quince	\$0.10	\$0.25	\$2.50
Apricot Pits	.05	.10	.50	Gooseberry	.15	1.00	10.00	Raspberry	.15	.25	7.00
Blackberry	.15	1.00	10.00	Peach, per bu., \$2.50				Strawberry	.15	.80	8.00
				Pear	.10	.25	2.50				

BIRD SEED, ETC.

Canary, Sicily, per quart	\$0.15			Flax Seed, per quart	\$0.25			Mocking-Bird Food, in bulk,			
Hemp, Russian, "	.15			Millet, German, "	.10			per pound	\$0.25		
Hemp, American, "	.15			Maw, or Poppy Seed, per lb.,	.25			Song Restorer, per bottle	.25		
Rape, English, "	.15			Cuttle-fish Bone, per lb.	.40			Parrot Food, per quart	.20		
Rape, German, "	.15			Mocking-Bird Food, 1-lb. bot-							
Unhulled Rice, "	.15			tles, each	.35						

Special offer No. 2 only applies to Fruit-Tree and Bird Seeds.

See Special Offers on third page of Cover.

VEGETABLE PLANTS AND ROOTS.

All especially grown for our trade from choicest strains of seed.

ASPARAGUS ROOTS.

	100	1000
Colossal, two year old roots . . .	\$1.00	\$7.00
The Hub, two year old roots . . .	1.50	12.00
Palmetto	1.50	12.00

CABBAGE PLANTS.

From hot-beds, ready about first week in April.

	100	1000
Early Jersey Wakefield	\$1.00	\$8.00
Henderson's Summer	1.00	8.00
Stone Mason	1.00	8.00
Fottler's Brunswick	1.00	8.00
For Winter Crop. Ready July 1st.		
Savoy American Improved . . . .	.50	4.00
Fottler's Brunswick . . . . .	.50	4.00
Stone Mason . . . . .	.50	4.00

CAULIFLOWER.

	100	1000
Breck's White Bouquet	\$1.50	\$12.00
Snowball	1.50	12.00

CELERY PLANTS.

	100	1000
Boston Market	\$1.00	\$8.00
Golden Self-Blanching	1.00	8.00
Giant Pascal	1.00	8.00
White Plume	1.00	8.00
Chives, used for flavoring soups, etc., each .15; dozen,		
\$1.25.		

EGG PLANTS.

	Doz.	100
New York Improved	\$1.00	\$6.00
Black Pekin	1.00	6.00

TARRAGON PLANTS.

Each	\$0.30
Per Dozen	3.00

HORSE-RADISH SETS.

Per dozen, 25 cents; per 100, 60 cents; per 1000, \$5.00

LETTUCE PLANTS.

	100
Boston Market Head	\$0.75
Early Curled Simpson . . . . .	.75

PEPPER PLANTS.

Large Bell or Bull Nose. Per doz., \$0.25; per 100, \$1.75

RHUBARB ROOTS.

Each	\$0.20
Per dozen	2.00

SWEET POTATO PLANTS.

	100	1000
Nansemond	\$1.00	\$7.00

TOMATO PLANTS.

	Doz.	100
Breck's Belmont	\$0.35	\$2.25
Acme . . . . .	.35	2.25
Paragon . . . . .	.35	2.25
Dwarf Champion . . . . .	.35	2.25
Livingston's Perfection . . . . .	.35	2.25

GRAINS, ETC.

(Prices subject to market changes.)

All our Grains are selected expressly for Seed, and are strictly pure and true.

BUCKWHEAT.

	Per Bush.
Japanese, early, immense cropper, and extra fine quality	\$1.50
Silver Hull, an improved variety	1.50
Common, yields an average of 20 to 30 bushels per acre	1.25

BARLEY.

	Per Bush.
Two-Rowed	\$1.25
Four-Rowed	1.25

OATS.

American Triumph, attains a growth of six feet, yet the straw is so strong and firm that it heads up well	\$1.00
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OATS.

	Per Bush.
Welcome, a very heavy oat	\$1.00
White Bedford, the standard market sort80
Black Tartarian, the most prolific and distinct variety of black oats grown. Will not lodge even on meadow land	2.00

RYE.

To avoid disappointment to our customers, we offer only Rye saved from crops we have seen growing.

	Per Bush.
Spring	\$1.75
Winter, this is the ordinary variety sown in the Fall	1.25

SPRING WHEAT.

	Per Bush.
Saskatchewan Fife, the best number one hard amber yet introduced. Unequalled for yield, earliness, and vigor	\$2.00
White Russian, a beardless white chaff wheat, with amber-colored grain	2.00
Lost Nation, a popular bald wheat	2.00

WINTER WHEAT.

	Per Bush.
Mediterranean Hybrid, heads broad, medium length, and full of large, plump, heavy, red grains	\$2.00
Martin Amber, heads beardless, four to seven inches long, good sized, full of plump grains of clear amber color	2.25
Clawson White, a well-known and favorite sort	2.00

SPRING VETCHES, or TARES.

	Per Bush.
Spring Vetches, extensively fed in England to Milch Cows. Sow broadcast at the rate of two to three bushels per acre	\$3.00

PEAS.

	Per Bush.
Canada Field, a quick maturing valuable crop, either for soiling or green fodder. Sow 2 to 3 bushels per acre	\$1.50

Special offer No. 2 only applies to articles on this page. See third page of cover.

GRASSES.

"And he gave it for his opinion that whoever would make two ears of corn or two blades of grass to grow upon a spot of ground where only one grew before would deserve better of mankind, and do more essential service to his country, than the whole race of politicians put together." — SWIFT.

WE desire to call special attention to the following list of AGRICULTURAL GRASSES, which will, we think, be found very comprehensive, both as to varieties and descriptions. We are devoting a great deal of time to this most important subject, and the department has already become an extensive one with us.

Having learned by experience that the so-called imported grasses which are offered by those making a specialty of them in this country are very far from reliable, both as regards purity and quality, we have found it necessary to import all our seeds of this character direct. We have accordingly made arrangements for our stocks with one of the most prominent growers of Agricultural Grasses on the continent, who, by virtue of many years' experience in growing seeds of this peculiar character, has become the recognized headquarters for same. This will enable us to furnish our customers with the *very best*, and that which we know to be *free from all adulteration*.

It seems almost unaccountable that at this day, when the different branches of practical agriculture are seemingly so thoroughly understood, that our American farmers should apparently ignore the importance of sowing upon their fields only those kinds of grasses which are *adapted* to the *soil* and *climate*, and which will produce in the shortest length of time a luxuriant crop of the desired character. The list of grasses now in use by most of our farmers can be counted on the fingers of one hand, which showing is indeed a small one, when we take into consideration the many species, valuable because of their respective merits, which should be in constant demand for the various soils and climates of America.

We invite special attention to our "Mixtures" for Permanent Pastures and Mowing Lands, which follow our descriptions. We have endeavored to bring into prominence a few important facts under the head of *Mixtures*, which, we think, cannot fail to be of interest to any one who is concerned in the laying down of profitable pastures, or who desires to obtain large crops of hay of choice quality from their fields.

TIMOTHY (Herd's Grass or Catstail), (*Phleum pratense*). Root fibrous on moist soils; on dry soils often bulbous; perennial; flowers in June and July. While this grass is commonly known as Timothy, it is frequently called Herds Grass, as this is the name under which it was originally cultivated. It is, without doubt, a most valuable grass for hay, especially in the North. It thrives best on moist, loamy soils of medium tenacity. Grows very readily and yields large crops on favorable soils. Should be cut just when the blossom falls. The hay is of best quality, yielding, under favorable circumstances, three or four tons per acre.

ORCHARD GRASS (*Dactylis glomerata*). Root fibrous; perennial; flowers in June and July. This is one of the most valuable and widely known of all the pasture grasses. Its rapidity of growth, the luxuriance of its aftermath, and its power of enduring the cropping of cattle, all commend it highly to farmers. Thrives well on light soils, and as its roots penetrate to a considerable depth, where the subsoil is favorable it withstands droughts better than most species on dry sandy soils. It is very valuable to be used in a mixture with Timothy and Clover, and produces splendid crops of hay. This grass is sometimes condemned because of its coarse growth, which is only apparent when in a neglected condition, but with proper management no grass is more valuable. When pastured Orchard Grass should never be allowed to become coarse, but should be kept closely cropped. In this condition it is highly nutritive, and relished very much by all kinds of stock.

KENTUCKY BLUE GRASS (Meadow Grass, June Grass, Spear Grass), (*Poa pratensis*). Root creeping; perennial; flowers in June. This valuable grass is very common in the soils of America, and is claimed by some to be the most valuable of all the grasses in our pastures. On the other hand, some claim that its creeping root impoverishes the soil. It is a fact, however, that it grows very luxuriantly, producing the most nourishing food for cattle until late in the season in the North, while in the South abundant herbage is furnished throughout the entire winter. It is a very valuable species in lawn mixtures. Kentucky Blue Grass requires about two or three years to become well set, and does not arrive at perfection as a pasture grass until the sward is at least four years old, hence it is not suited for alternate husbandry, or where the land is to remain in grass two or three years, and be then plowed up.

See Special Offers on third page of cover.



TIMOTHY.
(*Phleum pratense*.)



SWEET VERNAL.
(*Anthoxanthum odoratum*.)

soils best adapted to Italian Rye seem to be those that are moist, fertile, and tenacious, or of a medium consistency, and of such soils it is said to be one of the best grasses known to cut green, affording repeated luxuriant and nutritive crops.

FOWL MEADOW (False Red Top, Duck Grass, Swamp Wire Grass), (*Poa serotina*). Root slightly creeping; flowers in July and August. This perennial native grass is found on lowlands in many places, though it seldom takes full possession of the soil unless seed is sown. It has been largely introduced into New England, and is particularly adapted to moist, rich soils, such as the borders of rivers, ponds, etc., owing to the fact that an occasional overflow will not injure its growth. It may be mown at any time from June to October, as it never becomes so coarse and hard but the stalk is sweet and tender and eaten without waste. It makes an excellent grass for oxen, cows, and sheep, but is thought too fine for horses. It is easily made into hay which is of a nutritive character.

MEADOW FOXTAIL (*Alopecurus pratensis*). Root fibrous; perennial; flowers in May. This is one of the best grasses for permanent pastures, and should always form a fair proportion of the mixtures for that purpose, because of its extremely rapid growth and great nutritive qualities. Thrives best on a rich, strong soil. As the Meadow Foxtail shoots up its flowering stalk much earlier than Timothy, it can be easily distinguished from the latter, which, at first sight, it greatly resembles. It endures the cropping of cattle and sheep probably better than any other variety of grass, making it, as stated above, wellnigh indispensable in all first-class permanent pastures. The nutritive qualities of Meadow Foxtail are most abundant at time of flowering.

CRESTED DOG'S-TAIL (*Cynosurus cristatus*). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. It is very tender and nutritious at time of flowering. If, however, it is left until the seed ripens, cattle will not eat it on account of its wiry stems. For parks this grass is well suited, because of its fine, close growth, and pleasant green color. It should form a portion of all mixtures for lawns.

MEADOW FESCUE (*Festuca pratensis*). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures, and is also sometimes used for alternate husbandry. It grows rapidly in rich and rather moist soils, and makes an excellent pasture grass, its long tender leaves being much relished by cattle. It should be always sown mixed with other grasses.

RED TOP (Herd's Grass), (*Agrostis vulgaris*). Root creeping; perennial; flowers in July. This valuable grass has been commonly cultivated in our fields for over a century. It is a fine permanent grass, and forms a nutritious pasturage when fed close. It is valuable for all wet soils, producing a large return in good hay. Red Top is often sown with Timothy and common Red Clover, in which case the Clover soon disappears followed by Timothy, after which the Red Top usually takes its place, and with some wild indigenous grass forms a close sward. When sown alone two to three bushels per acre are required.

RHODE ISLAND BENT (*Agrostis canina*). Root creeping; perennial; flowers in July. A most valuable permanent grass, largely used in New England for pastures and for lawns. For the latter purpose it is often sown by itself; and if cheapness is an object perhaps it is as good as could be sown, but we recommend the lawn mixture wherever practicable. Soil and treatment same as for Red Top (*A. vulgaris*).

ROUGH STALKED MEADOW GRASS (*Poa trivialis*). Root fibrous; perennial. This grass is valuable on account of its quick growth, productiveness, and nutritive qualities. Grows in perfection on moist, rich soils, and is also well adapted to ground shaded by trees. Grows early in the Spring, and continues green until late in the Fall. As it delights in shelter, its produce is always much greater when sown with other grasses. Cattle, sheep, and horses show a great partiality for it, and the pasture is generally eaten barest where this grass predominates. Does not thrive well on dry soils.

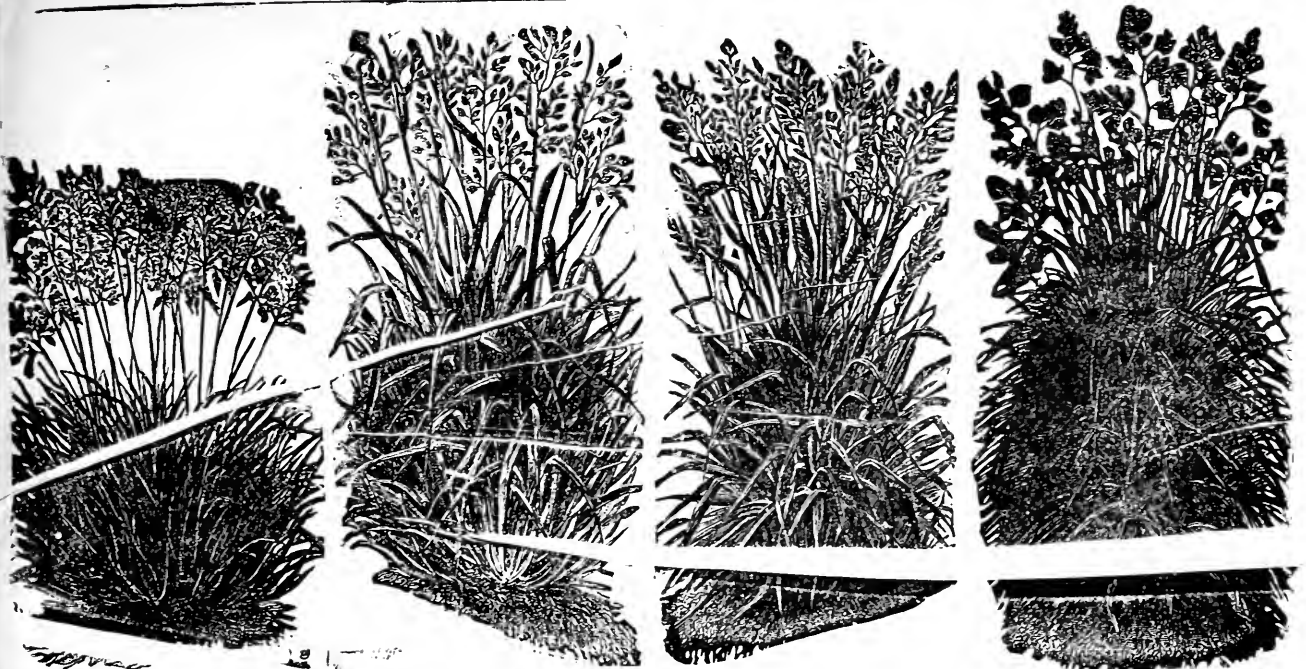
PERENNIAL RYE (*Lolium perenne*). A very valuable grass; arrives early at maturity, and produces a good supply of herbage, of which cattle are very fond. It grows freely on almost any soil, and shows a very early Spring growth. Although a perennial grass, the root will not live over three or four years, and unless the plant is allowed to reproduce from self-sown seed it will die out in about that time. This is an objection to its extensive use for permanent pastures, but for hay crops it may be introduced to good advantage along with other grasses and clovers.

ITALIAN RYE (*Lolium Italicum*). This is one of the most valuable grasses brought into notice during the present century. In nutritive value, earliness, and quickness of growth after it has been mown, it by far surpasses the Perennial Rye Grass. It is, therefore, indispensable for alternate husbandry; but as it does not last over two years it is of no use in permanent pastures. The



ROUGH-STALKED MEADOW
(*Poa trivialis*.)

See Special Offers on third page of cover.



Kentucky Blue Grass.

Meadow Fescue Grass.

Tall Fescue Grass.

Orchard Grass.

SHEEP'S FESCUE (*Festuca ovina*). Somewhat creeping; perennial; flowers in June and July; especially desirable on light, dry, sandy soils. It is much liked by sheep, and should always enter into the compositions of mixtures for lands on which they are to be pastured. Its compact and fine growth make it suitable for lawn mixtures.

TALL FESCUE (*Festuca elatior*). Root fibrous, somewhat creeping; perennial; flowers in June and July. Its appearance this species resembles the *Festuca pratensis*, but is larger and of stronger growth. It thrives well on moist soils, and yields abundant crops. Cattle and stock eat it greedily. It should form a portion of every mixture for permanent purposes on moist soils.

HARD FESCUE (*Festuca duriuscula*). This is one of the best grasses of the Fescue family. It is regarded by some as a variety of the Red Fescue, though taller, and the panicle more open. It is found in all the finest permanent pastures of the country, and is much valued for its dwarf habit. It resists the Summer drought, and develops remarkable verdure during Winter. It should form a part of every mixture for lawn or pleasure grounds, and for permanent pasture and alternate husbandry.

RED OR CREEPING FESCUE (*Festuca rubra*). This grass is found growing on light, dry, sandy soils, and from its creeping habit will be found of great value on sandy seacoast lands. It is a grass of better quality than some of the uncultivated species, but is not usually cultivated in this country as an agricultural product, except on elevated sheep pastures.

SWEET VERNAL (*Anthoxanthum odoratum*). Root fibrous; perennial; flowers in May. This grass is valuable on account of its early growth and its hardy and permanent nature, which, added to the fact that it throws up its flower-stalks till the end of Autumn, upholds its claim to a place in all compositions where permanency is an object. It is very fragrant, and imparts a pleasant odor to the hay. Will grow in almost any kind of soil, but prefers those which are rich and moist. It is greatly relished by sheep, and is found growing naturally on upland pastures. As a component of "lawn mixtures" it is most valuable, and is largely used for this purpose. The seeds of this grass are scarce and most difficult to be had true. An inferior variety of *Anthoxanthum* being sometimes offered at a low price by unscrupulous dealers, care ought to be exercised in buying. Our seed is guaranteed to be the true Perennial Sweet Vernal.

YELLOW OAT GRASS (*Avena Flavescens*). This grass deserves to form a portion of all mixtures for permanent purposes, and is well suited for lawns, croquet and bowling greens. It thrives best on light, dry soils, and is particularly adapted to exposed and elevated situations, where it is found growing naturally. Cattle eat it readily, and it is much relished by sheep. The seed of this grass, like that of the *Sweet Vernal*, is scarce and most difficult to be had true. The seed we offer is guaranteed to be the true Yellow Oat Grass.

TALL MEADOW OAT GRASS (*Arrhenatherum avenaceum*). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture mixtures, on account of its early and late growth. It succeeds best on deep sandy lands, and is suitable for sowing in orchards or other shady places.

WOOD MEADOW GRASS (*Poa nemoralis*). This grass, as its name implies, is found naturally in woods, and is well adapted for growing under trees. It is especially desirable, from its fine habit of growth, for sowing on shady lawns and under trees on pleasure grounds. Root fibrous, flowers in June and July.

See Special Offers on third page of cover.

MILLETS.

COMMON MILLET (*Panicum Miliaceum*). Requires a dry, light, rich soil, and grows two and a half to four feet high, with a fine bulk of stalks and leaves, and is excellent for forage. For hay, sow broadcast one-half bushel per acre, from May first to August first. For grain, sow in drills, one peck to the acre, and not later than June 20th.

GERMAN, OR GOLDEN MILLET (*Panicum Miliaceum var.*). An improved variety, medium early, growing three to five feet high. The heads are closely condensed, though the spikes are very numerous. The seeds are contained in rough, bristly sheaths, and are round, golden yellow, and beautiful in appearance.

From close observation during the past few years, the fact has been established beyond doubt that seed of the German or Golden Millet grown in southern latitudes will produce a much larger yield of hay than from seed grown in northern or western sections of the country, and for that reason is far better for farmers to sow. We have a good stock of southern grown seed, and, knowing its value, confidently recommend it. Bear in mind that to the farmer, southern grown seed is worth double that of northern or western grown, as that seed is degenerated and hybridized with other millets.

HUNGARIAN GRASS (*Panicum Germanicum*). This is a species of millet, growing less rank, with smaller stalks, often yielding two or three tons of hay per acre. It is very popular and valuable with those who are clearing timber lands. Like the common millet, it is an annual, and requires to be sown every season, but will produce a large return than almost any other crop.



ALSIKE CLOVER.
(*Trifolium hybrida*.)



YELLOW OAT.
(*Avena flavescens*.)



MAMMOTH RED CLOVER.
(*Trifolium pratense var.*)

CLOVERS.

There are no plants so valuable for fertilizers as the Clover. They have the faculty of absorbing nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil.

MEDIUM RED (*Trifolium pratense*). This is the common Red Clover in general cultivation, and too well known to need a general description. It is by far the most important of all varieties for the practical purposes of agriculture. When sown alone produces hay of splendid quality, and with Timothy or other grasses forms a desirable pasture.

MAMMOTH, or PEA VINE (*Trifolium pratense var.*). Grows five or six feet high; its stalks are so coarse and large that stock will eat only the leaves, but by its judicious use lands which have been exhausted can be reclaimed, as it will grow where the common clover will fail.

ALSIKE or SWEDISH (*Trifolium hybridum*). This is the most hardy of clovers, and is fast gaining popularity. It resists cold and extreme drought and wet, and on rich moist soil yields an enormous amount of hay or pasture of a nutritive quality. Can be cut several times in a season. It is well suited to low lands liable to wash, as its long, fibrous roots spread over a large area and hold the soil so as to resist

the heaviest rains. The heads are globular, very sweet and fragrant, and much liked by bees, who obtain a large amount of honey from them.

LUCERNE or ALFALFA (*Medicago sativa*). Where this variety succeeds well it is probably one of the most valuable of all clovers. It is not, however, particularly adapted to the Eastern or Northern States, but flourishes in all Western and Southern. It requires a fine mellow soil to get it firmly established, but when once thoroughly fixed will produce a profitable crop for a number of years. It yields an enormous amount of green fodder, and should be cut when commencing to blossom. Although a prodigious yielder, it does not exhaust the soil, but on the contrary improves it. In States to which it is adapted, four or five crops can be obtained in one season.

WHITE CLOVER (*Trifolium repens*). The value of this Clover to the farmer is well known, and it is to be found in nearly every natural pasture. It is adapted to all soils. Being a deep-rooted plant, it withstands drought on dry, sandy sections. It should form a part of all mixtures for permanent pastures, and is also valuable for alternate husbandry, when these crops are sown down for more than one year.

CRIMSON CLOVER (*Trifolium incarnatum*). Is also known as Scarlet Clover and Carnation Clover. It is of rapid growth, and of great value where only one crop is desired, sown either alone or with Italian rye grass. It is an immense yielder, and can be fed green or made into hay. It may be sown in the fall for an early summer crop, or in the spring for cutting in July.

MIXTURES FOR PERMANENT PASTURES.

"One thing is certain: that good pasture land is the foundation of the riches of a farm."—SINCLAIR.

The oft-repeated complaints of wornout and exhausted pastures, made to us by some of our best New England farmers, have long impressed us with the fact that there must be something radically wrong with the manner in which our pastures

are formed and cared for. Some remedy for this state of matters is imperatively necessary, and it seems to us that one most important line of improvement would be the sowing of a larger number of species of grasses in the laying out of these pastures.

As we have already expressed as our opinion, farmers, as a rule, in preparing their mixtures of grasses to be used in the laying down of permanent pastures, confine themselves to too few varieties, thus failing to arrive at the most profitable results. The chief properties which give value to a grass are nutritive powers, produce, early growth, and reproductiveness (that is, the property of growing rapidly after being cropped). If one species of grass could be discovered that possessed all these qualities in a superior degree to every other, there would be no necessity beyond that of botanical science for us to acquire the knowledge which enables us to distinguish the different species of grasses, the soils and subsoils best adapted to their growth, natural habits, and comparative value; but the results of all experiments have proven that a combination of all the merits and properties which give value to a grass is not to be found in any single species, or in fact in any two or three. In sowing a mixture of a number of different varieties we are but following nature, who can be always depended upon as the best teacher. This can easily be demonstrated by the careful examination of any old, rich, permanent pasture, on which will invariably be found fifteen to twenty species of grass or forage plants growing in great profusion. Where, however, it is left to nature to supply the necessary plants to make a rich and succulent pasturage, a great deal of valuable time is of necessity lost, as *seven or eight years* will elapse before the field will *naturally* assume the character of a rich and profitable pasture, while by *artificial* means the same result can be brought about in *one fourth the time*.

In compiling any table of grasses and clovers to be used for permanent pasture purposes there are several important features to be taken into consideration. First, the proportion of plants which would be produced from the amount of each kind of seed sown should be determined, so that the undue predominance of any particular variety may be avoided. We have given this point special consideration in preparing our mixtures. A selection of grasses should be made that blossom at alternate months of the year, as it is a well-known fact that there is no month from April to September, inclusive, in which some of the valuable grasses do not attain their full perfection.

The species which afford the principal grasses in Spring are:—

Poa nemoralis,
Alopecurus pratensis,
Dactylis glomerata,
Festuca pratensis,

(*Wood Meadow*)
(*Meadow Foxtail*).
(*Cocksfoot*).
(*Meadow Fescue*).

Phleum pratense,
Anthoxanthum odoratum,
Lolium perenne,

(*Timothy*).
(*Sweet Vernal*).
(*Perennial Rye Grass*).

The species which afford the principal grasses in Summer are:—

Festuca pratensis,
Phleum pratense,
Lolium perenne,
Agrostis vulgaris,
Poa pratensis,
Festuca elatior,

(*Meadow Fescue*).
(*Timothy*).
(*Rye Grass*).
(*Red Top*).
(*Blue Grass*).
(*Tall Fescue*).

Trifolium pratense,
Trifolium hybridum,
Trifolium repens,
Cynosurus cristatus,
Dactylis glomerata,

(*Red Clover*).
(*Alsike Clover*).
(*White Clover*).
(*Crested Dogtail*).
(*Cocksfoot*).

The species which afford the principal grasses in Autumn are:—

Festuca elatior,
Avena flavescens,
Cynosurus cristatus,
Festuca duriuscula,
Poa trivialis,

(*Tall Fescue*).
(*Yellow Oat Grass*).
(*Crested Dogtail*).
(*Hard Fescue*).
(*Rough Stalked Meadow*).

Poa pratensis,
Trifolium pratense,
Trifolium hybridum,
Trifolium repens,

(*Blue Grass*).
(*Red Clover*).
(*Alsike Clover*).
(*White Clover*).

See Special Offers on third page of cover.



MEADOW FOXTAIL.
(*Alopecurus pratensis*.)



CRESTED DOGSTAIL.
(*Cynosurus cristatus*.)

By using a mixture comprising these species, it will be at once apparent that a rich and luxuriant growth will be secured throughout the entire season, which result cannot possibly be obtained if the stereotyped mixture usually recommended composes the sward. It would be almost impossible for us to give a series of tables which would comprehend all the variations of soils, altitudes, and climates. We think, however, that those which we have compiled will be found sufficiently comprehensive

to meet nearly all the contingencies that arise in ordinary farming.

These mixtures, which we recommend only after careful study and consultation with the best authorities, are of little or no value unless the seeds composing them are absolutely pure and true to name. We, therefore, especially request those who desire to obtain the best results from their mixtures for alternate husbandry, mowing lands, and permanent pastures, to avoid the probability of disappointment which would naturally attend the placing of orders with parties who have never given any degree of attention to this most important subject, and buy from us direct (or authorized agents), who are the first in this country to make a specialty of this branch of the seed business. We doubt if a full stock of all the grasses which form the components of our mixture could be found anywhere in the United States outside of our own establishment, and know they cannot be obtained in the same quantities and of equal quality.



WHITE CLOVER.
(*Trifolium repens*.)



LUCERNE OR ALFALFA.
(*Medicago sativa*.)

In conclusion, we would say, that although pastures be formed in the best manner as recommended by us, with a combination of MANY different species of grasses, yet a judicious mode of treatment afterwards is as necessary to continue their value. By proper stocking and top-dressing, very indifferent pastures may be brought to a state of great fertility; but, on the contrary, the richest pastures by neglect of proper stocking, top-dressing, or by the too frequent repetition of hay crops, will become so unprofitable as to require many years to bring them again to their original value. This fact every practical farmer is well aware of, and after the proper mode of sowing and stocking has been determined on, a suitable top-dressing should be found. Under the head of Fertilizers, in another part of this Catalogue, will be found a reliable top-dressing which we can strongly recommend as being specially adapted for pastures of this character.

BRECK'S SPECIAL MIXTURES FOR PERMANENT PASTURES.

Table showing the proper quantities to Sow on an Acre of Light, Medium, or Heavy Soils, for Permanent Pasture.

KIND.		No. 1. Light Soils.	No. 2. Medium Soils.	No. 3. Heavy Soils.	No. 4. For Orchard and shady places.
Timothy,	<i>Phleum pratense,</i>	2 lbs.	3 lbs.	4 lbs.	3 lbs.
Red Top,	<i>Agrostis vulgaris,</i>	4 "	4 "	6 "	3 "
Cocksfoot,	<i>Dactylis glomerata,</i>	8 "	6 "	4 "	6 "
Meadow Fescue,	<i>Festuca pratensis,</i>	2 "	2 "	1½ "	—
Hard Fescue,	<i>Festuca duriuscula,</i>	—	1 "	2 "	2 "
Tall Fescue,	<i>Festuca elatior,</i>	2 "	2 "	4 "	1 "
Blue Grass,	<i>Poa pratensis,</i>	4 "	4 "	2 "	5 "
Rough Stalked Meadow,	<i>Poa trivialis,</i>	—	2 "	4 "	6 "
Perennial Rye Grass,	<i>Lolium perenne,</i>	2 "	3 "	3 "	—
Meadow Foxtail,	<i>Alopecurus pratensis,</i>	1 "	2 "	2 "	2 "
Crested Dogtail,	<i>Cynosurus cristatus,</i>	2 "	1 "	1 "	4 "
Wood Meadow,	<i>Poa nemoralis,</i>	1 "	1 "	—	—
Yellow Oat Grass,	<i>Avena flavescens,</i>	2 "	1 "	—	—
Sweet Vernal,	<i>Anthoxanthum odoratum,</i>	2 "	1 "	—	—
White Clover,	<i>Trifolium repens,</i>	4 "	4 "	4 "	5 "
Alsike Clover,	" <i>hybridum,</i>	1 "	1 "	½ "	—
Perennial Red Clover,	" <i>pratense perenne,</i>	2 "	3 "	3 "	3 "
		39 lbs.	41 lbs.	41 lbs.	40 lbs.

See Special Offers on third page of cover.

Alternate Husbandry.

MIXTURES FOR MOWING AND GRAZING LANDS.

As the pioneers of grass mixtures in this country, we naturally have great pleasure in learning from day to day and season to season that our remarks under the heading, "Mixtures for Permanent Pastures," are fast becoming universally admitted facts; and we predict, with confidence, that the time is not far distant when the practice of sowing only one or two varieties of grass seeds with the hope of obtaining the best results from it will pass, and the better and more profitable one of following nature's plan be adopted.

Many of our statements regarding Permanent Pasture Mixtures are equally pertinent when applied to Alternate Husbandry. It does not require much thought to convince any practical agriculturist that there is no basis to a system that employs the same quantity and kinds of grass seeds on all occasions, without regard to soil, duration of lay, or the condition in which the crop is to be used. All mixtures for Alternate Husbandry should include, say for one or two years' lay, only annual and biennial or other sorts that attain full maturity within that period; for two or three years' lay a greater quantity of seed is required, which should embrace a larger proportion of permanent sorts, so that the places of the dead annual kinds may be filled by the varieties that are of slower growth.

If a mixture, principally for mowing, is intended to lay more than three or four years, especial care is necessary in selecting and adjusting the several varieties of grasses in proper proportion. A three or four years' lay sown with grasses that are only of annual or biennial duration must be either very thin or foul at the end of the period for which it was laid down — the spaces vacated by the annual and biennial grasses being in all likelihood occupied by objectionable weeds. When, if a proper selection of those species capable of lasting the whole of the desired period were sown, the lay would remain full of plants, free from weeds, and, consequently, much more profitable during the whole time the land is in grass.

The practice of mowing grass for hay when the plants are in blossom is acknowledged to be a good one, in that it is not so exhausting to the soil, and a more succulent hay, freer from dust, is obtained; it has, however, from the fact that all natural reseeding is prevented, a tendency to weaken the plants and reduce their number; hence when we see an old field of grass that was originally sown with Timothy, Redtop, and Clover, and which has been mowed, perhaps, twice annually, we can readily account for either the enormous number of weeds or vacant places that are sure to be noticeable. Our system of mixtures practically overcomes this difficulty by the continued growth and stooling out of some of the varieties included that do not attain full maturity under four to six years. Such mixtures, although in the first place more expensive than the ordinary orthodox seeding, are in the end more profitable; we have seen aftermaths from permanent mowing mixtures that more than equaled first crops of Timothy.

In making up the following tables the utmost care has been exercised, and we have no hesitation in recommending them to our patrons.

BRECK'S SPECIAL MIXTURES FOR MOWING AND GRAZING LANDS.

	1 OR 2 YEARS' MOWING.			2 OR 3 YEARS' MOWING OR GRAZING.			4 YEARS' MOWING OR GRAZING.			PERMANENT MOWING WITH OCCASIONAL GRAZING.		
	No. 5. Light Soils.	No. 6. Medium Soils.	No. 7. Heavy Soils.	No. 8. Light Soils.	No. 9. Medium Soils.	No. 10. Heavy Soils.	No. 11. Light Soils.	No. 12. Medium Soils.	No. 13. Heavy Soils.	No. 14. Light Soils.	No. 15. Medium Soils.	No. 16. Heavy Soils.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Italian Rye Grass	6	6	6	4	4	4	3	3	3	3	3	3
Perennial Rye Grass	4	4	5	5	5	6	5	6	7	6	6	7
Cocksfoot	4	3	3	6	5	5	8	6	6	9	7	7
Meadow Foxtail	—	—	—	1	2	2	2	3	3	2	3	3
Hard Fescue	—	—	—	—	—	—	2	1	1	2	2	2
Blue Grass	—	—	—	—	—	—	—	—	—	2	3	3
Red Top	2	2	3	2	2	3	3	4	4	3	3	3
Wood Meadow	—	—	—	—	—	—	—	—	—	1	1	1
Rough-stalked Meadow	—	—	—	—	—	—	1	2	3	1	2	2
Meadow Fescue	1½	1½	2	1½	2	2	2	3	4	2	4	4
Sweet Vernal	½	½	½	½	½	½	1	1	1	1	1	1
Timothy	7	9	9	7	9	9	3	4	4	2	3	3
Red Clover	7	8	8	4	5	5	—	—	—	—	—	—
Perennial Red Clover	—	—	—	—	—	—	4	5	5	2	2	3
Alsike Clover	1	1	1½	2	2	2	2	1	1	2	1	1
White Clover	—	—	—	2	1½	1½	2	2	2	2	2	2
	33	35	38	35	38	40	38	41	44	40	43	45

NOTE.

It will be noticed that the different tables are all based on the quantity required to sow one acre, so in ordering, our patrons will please state the number of acres for which the seed is desired. We shall, unless we are especially instructed to the contrary, put up each variety of seed in separate packages, packing the entire quantity necessary for one acre in a case. We recommend our friends to always buy their mixtures put up as above, and to refuse to receive them in any other shape. The advantage of buying the seed before it is mixed is very apparent, as it insures the purchaser obtaining the exact varieties and quantities which should compose the mixture he has ordered. This protection cannot be enjoyed where the seed is mixed before it is sent out.

PRICES FOR JOSEPH BRECK & SONS' SPECIAL MIXTURES FOR PERMANENT PASTURES AND MOWING AND GRAZING LANDS.

When ordering, simply give number and kind of mixture selected and the number of acres for which seed is desired; for example: "Send me No. 2 Mixture for Permanent Pastures for three acres."

PERMANENT PASTURES.

FOR LIGHT SOILS.	FOR MEDIUM SOILS.	FOR HEAVY SOILS.	FOR SHADY PLACES.
No. 1. Price per Acre. \$10.00.	No. 2. Price per Acre. \$10.00.	No. 3. Price per Acre. \$9.50.	No. 4. Price per Acre. \$9.50.

ALTERNATE HUSBANDRY.

FOR 1 OR 2 YEARS' MOWING.			FOR 2 OR 3 YEARS' MOWING OR GRAZING.			FOR 3 OR 4 YEARS' MOWING OR GRAZING.			PERMANENT MOWING WITH OCCASIONAL GRAZING.		
No. 5. Light Soils. Price per Acre. \$5.00.	No. 6. Medium Soils. Price per Acre. \$5.00.	No. 7. Heavy Soils. Price per Acre. \$6.00.	No. 8. Light Soils. Price per Acre. \$6.00.	No. 9. Medium Soils. Price per Acre. \$8.50.	No. 10. Heavy Soils. Price per Acre. \$8.50.	No. 11. Light Soils. Price per Acre. \$8.00.	No. 12. Medium Soils. Price per Acre. \$9.50.	No. 13. Heavy Soils. Price per Acre. \$10.00.	No. 14. Light Soils. Price per Acre. \$10.00.	No. 15. Medium Soils. Price per Acre. \$11.00.	No. 16. Heavy Soils. Price per Acre. \$11.50.

Special prices for quantities for ten acres and upwards.

While it is true that the mixtures which we have recommended are SEEMINGLY much more expensive than what is commonly used, it should be borne in mind that a vastly increased value is given to the pasture, not only for one year, but if the land is properly cared for it will remain in good condition for fifteen or twenty years without further sowing, and produce double the amount of fodder, while the ORDINARY sowing has to be repeated every three or four years; thus, in the end, costing more than four times as much as what would be paid originally for the proper mixture.

CAUTION.—Appreciating the fact that some unscrupulous parties will probably offer mixtures for permanent pastures, mowing lands, and alternate husbandry, purporting to be the same as ours, we shall, as a matter of protection to both our patrons and ourselves, stencil or print on each case, and also on package containing each variety of seed, our name and address, and request our patrons before purchasing from any other source than ourselves direct, that they examine the case containing same, and if not stenciled as described they may know that IT IS NOT our mixture, and therefore not in any way entitled to our endorsement.

PRICES OF AGRICULTURAL GRASSES AND CLOVERS.

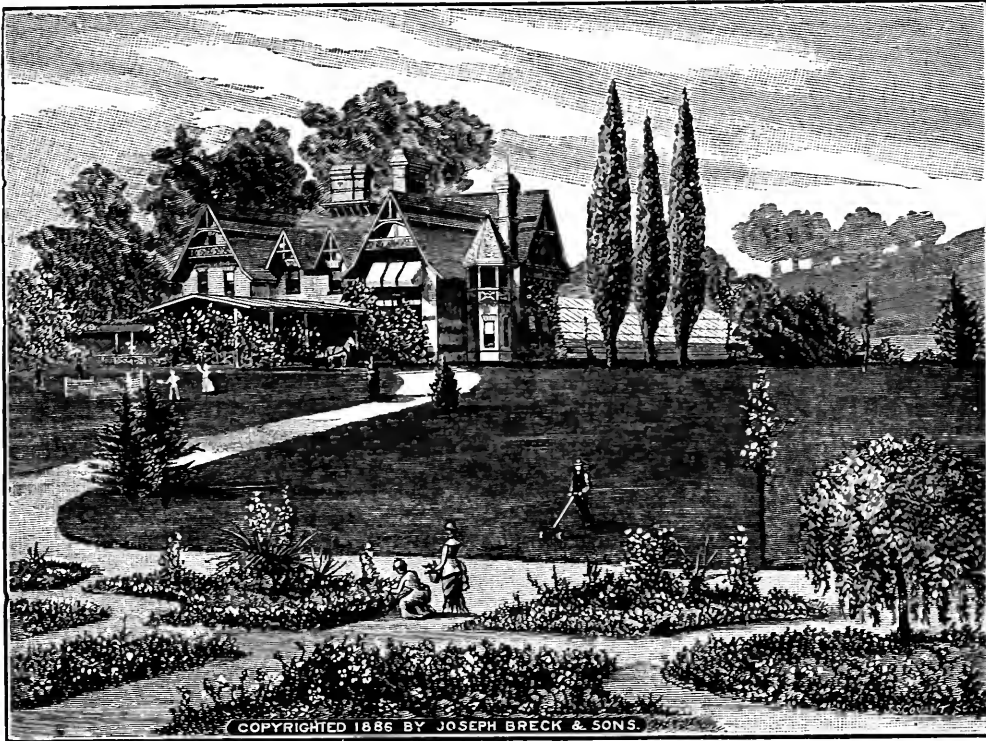
SUBJECT TO MARKET CHANGES. SPECIAL QUOTATIONS ON APPLICATION.

KIND.		Price per pound	Price per bush.	KIND.		Price per pound	Price per bush.
R. I. Bent	<i>Agrostis canina</i>	\$0.25	\$2.25	Timothy	<i>Phleum pratense</i>	\$0.08	\$3.25
Red Top	<i>Agrostis vulgaris</i>	.10	.80	Wood Meadow	<i>Poa nemoralis</i>	.40	7.00
Meadow Foxtail	<i>Alopecurus pratensis</i>	.40	3.00	Blue Grass (fancy)	<i>Poa pratensis</i>	.15	2.00
Sweet Vernal (true)	<i>Anthoxanthum odoratum</i>	.50	4.50	Fowl Meadow	<i>Poa serotina</i>	.25	2.25
Yellow Oat Grass	<i>Avena flavescens</i>	.70	6.75	Rough Stalked Meadow	<i>Poa trivialis</i>	.40	8.00
Crested Dogtail	<i>Cynosurus cristatus</i>	.45	12.00	Tall Meadow Oat	<i>Arrhenatherum avenaceum</i>	.30	5.25
Orchard Grass	<i>Dactylis glomerata</i>	.20	2.50	Hungarian Millet Grass	<i>Setaria germanica</i>	.05	1.65
Hard Fescue	<i>Festuca duriuscula</i>	.20	3.00	Common Millet	<i>Panicum miliaceum</i>	.05	1.50
Tall Fescue	<i>Festuca elatior</i>	.35	5.50	Golden Millet	<i>Panicum miliaceum, var.</i>	.05	1.75
Sheep's Fescue	<i>Festuca ovina</i>	.20	2.25	Red Clover	<i>Trifolium pratense</i>	.14	
Red Fescue	<i>Festuca rubra</i>	.25	2.75	Mammoth Red Clover	<i>Trifolium pratense, var.</i>	.15	
Meadow Fescue	<i>Festuca pratensis</i>	.25	3.50	White Clover	<i>Trifolium repens</i>	.35	
Italian Rye Grass	<i>Lolium italicum</i>	.15	2.50	Alsie Clover	<i>Trifolium hybridum</i>	.20	
Perennial Rye Grass	<i>Lolium perenne</i>	.12	2.50	Lucerne, or Alfalfa	<i>Medicago sativa</i>	.20	
				Crimson Clover	<i>Trifolium incarnatum</i>	.15	

See Special Offers on third page of cover.

INSURE A BEAUTIFUL LAWN BY USING
BRECK'S LAWN GRASS SEED.

BRECK'S LAWN DRESSING NOURISHES THE GRASS.



SEE FERTILIZERS, Page 56

BRECK'S LAWN GRASS MIXTURE HAS MANY IMITATIONS, BUT NO EQUAL.

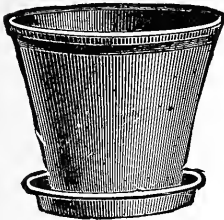
However much care is bestowed upon the garden and the house, no home in the city or country can be considered complete without a thoroughly made, well-kept lawn. The lawn is to the garden what the parlor is to the kitchen; therefore, why not take as much pride in it? It is a great mistake to suppose that grass will grow so as to make a beautiful lawn on unprepared soil. The fact is, as much care must be exercised in the preparation of the soil for the lawn as for vegetables or any other garden crop. First see that the ground is well prepared by deep digging and trenching, for it is vain to expect a lawn to retain its greenness in the scorching days of July and August unless the ground is thoroughly pulverized, so that the roots of the grass can penetrate at least two feet deep. Wherever necessary the ground should be drained, thoroughly manured, plowed, and harrowed, and all stones or roots removed. After the soil has been thus prepared, it should be made perfectly level—for if this is not done *before* the seed is sown, it cannot be done after the sward is formed without great expense and inconvenience—and left to settle a week or ten days; then it should be raked smooth, after which it is ready for the seed. We have given much thought and made many experiments, in order to ascertain just what is the best mixture for permanent lawns, and what grasses are best suited to this climate. By the proper blending of the varieties which constitute Breck's Lawn Grass we have obtained a mixture that, from early Spring to late Fall, will give to lawns made with it that rich, deep-green so often admired upon the lawns and parks of England, but so seldom seen in this country. Sow at the rate of sixty to seventy pounds to the acre. The use of stable manure as a fertilizer should be avoided, as it always contains noxious weeds, and other more or less foreign seeds; and we especially recommend the use of Breck's Lawn Dressing, which will give the grass nourishment throughout the entire season, producing a rich, luxuriant growth of a rich, deep-green color. The lawn, after being properly prepared, should be neatly kept by rolling with a light garden roller. Frequent cutting of the grass after it attains a certain height produces a soft, velvety growth which cannot otherwise be obtained. For this purpose we know of nothing that will so efficaciously do the work as the Philadelphia Lawn Mower.

One quart will sow 300 square feet	.	.	.	.	.	.	.	.	.	.
One-half peck will sow 1,200 square feet	.	.	.	.	.	.	.	.	.	.
One peck will sow 2,400 square feet	.	.	.	.	.	.	.	.	.	.
One bushel will sow 10,000 square feet	.	.	.	.	.	.	.	.	.	.
Four bushels will sow one acre.										

Price: per quart, \$.25
 “ ½ peck, .75
 “ peck, 1.25
 “ bush, 4 00

See Special Offers on third page of cover.

GARDEN AND FARM REQUISITES, ETC.



FLOWER-POTS, SEED-PANS, ETC.

Special offer No. 2 only applies to Flower and Hanging Pots.

We handle a full line of all the different sizes and patterns of flower-pots and saucers, seed pans, fern pans, orchid pots, hanging vases, and fancy ware of all kinds. Not less than 50 of a size supplied at 100 rate.

THE MEASUREMENT IS FROM OUTSIDE TO OUTSIDE. PACKING CHARGED EXTRA.

FLOWER-POTS.			SAUCERS.		FLOWER-POTS.			SAUCERS.		ROUND SEED PANS.		SQUARE SEED PANS.	
Size. Inches.	Price Per Doz.	Price Per 100.	Price Per Doz.	Price Per 100.	Size. Inches.	Price Per Doz.	Price Per 100.	Price Per Doz.	Price Per 100.	Size. Inches.	Price. Each.	Size. Inches.	Price. Each.
2½	\$0.15	\$0.90	\$0.15	\$1.10	7	\$0.95	\$7.50	\$0.55	\$3.25			6x6	\$0.20
3	.20	1.15	.15	1.20	8	1.35	10.00	.60	4.25	6	\$.07	8x8	.25
3½	.25	1.40	.18	1.25	9	1.65	13.50	.75	5.25	8	.10	10x10	.30
4	.30	2.00	.25	1.50	10	2.40	17.50	.95	6.50	10	.15	12x12	.40
5	.50	3.25	.30	2.00	11	3.50	23.00	1.20	8.00	12	.20		
6	.70	4.50	.40	2.50	12	4.75	31.50	1.75	12.00	14	.40		

FANCY HANGING POTS.

No. 16, 7 in., per doz. . . \$2.50
No. 16, 8 in , per doz. . . 3.00
No. 16, 9 in., per doz. . . 3.50



No. 16.

Brass Jack Chain.	Patent Extension Hanger.
No. 118, 3 strand, per doz. . . \$2.00	No. 116, Steel, per doz. . . \$1.80
No. 119, 4 strand, per doz. . . 2.00	No. 117, Brass, per doz. . . 2.00

CEDAR PLANT TUBS.

For growing Agaves, Century, and other large plants.	Made of the best red cedar; painted green; iron handles.
No. 1 . . . Dia. 28 x 22 Deep, Each, \$7.00	No. 5 . . . Dia. 20 x 16 Deep, Each, \$4.00
" 2 . . . " 26 x 20 " " 6.25	" 6 . . . " 18½ x 15 " " 3.25
" 3 . . . " 24 x 18½ " " 5.50	" 7 . . . " 16½ x 14 " " 2.50
" 4 . . . " 22 x 17 " " 4.75	" 8 . . . " 15½ x 13 " " 2.25

WOOD POT LABELS.

		Plain.		Painted.	
4 inch, Pot Labels	per 100, \$0.15	per 1000, \$0.50			
4½ " " "	" .15	" .60			
5 " " "	" .15	" .70			
6 " " "	" .15	" .80			
3½ " Tree Label (pierced)	" .15	" .60			
3½ " " (iron wired)	" .15	" .90			
4½ " " (copper wired)	" .20	" 1.25			
8 " Garden Label	" .40	" 3.50			
12 " " "	" .50	" 4.50			

Flower Stands. Made very firmly of ash, and varnished; half-circle shape; 3 feet 2 inches in height; 3 shelves. Each, \$1.25. 4 shelves, 3 feet 8 inches in height, each, \$1.75.

Rustic Work. The different articles are made of natural roots and knots; very durable and artistic.

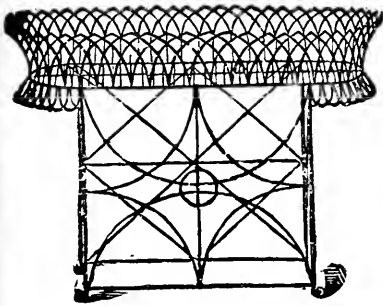
<i>Hanging Baskets</i> 8 in. 9 in. 10 in. 11 in. 12 in. Each, \$0.80 \$0.90 \$1.00 \$1.20 \$1.30	<i>Oblong Stands.</i> Height, 24 in. 28 in. 31 in. Length, 18 in. 24 in. 28 in. Each, \$2.50 \$3.00 \$5.00
<i>Window Boxes.</i> 18 in. 24 in. 30 in. long. Each, \$1 20 \$1.50 \$2.00	<i>Arm Chair, No. 3.</i> Each, \$5.50.
<i>Hexagon Stands.</i> Height 26 and 31 inches. Diameter, 14 in. 16 in. 20 in. Each, \$1.70 \$2.50 \$3.00	<i>Rustic Settee.</i> Length of seat, 2½ ft. 3½ ft. 4½ ft. Each, \$5.00 \$7.00 \$8.00

See Special Offers on third page of cover.

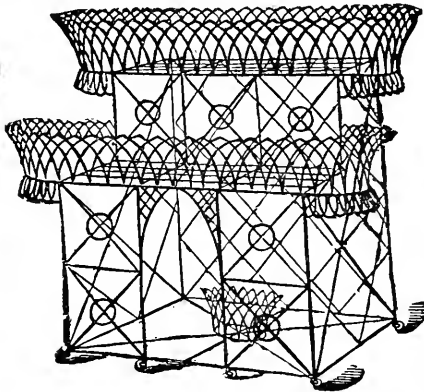
WIRE FLOWER-POT STANDS.

Special offer No. 2 only applies to Wire Flower-Pot Stands and Tomato Trellises.

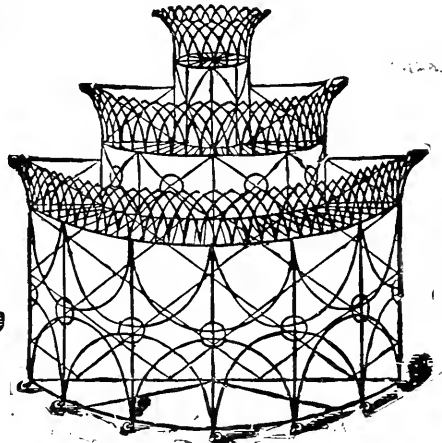
These stands are most desirable, either for household use or for conservatories and other purposes. They are elegantly made, painted a beautiful green, mounted on porcelain castors, and finished with gold bronze, making them very attractive and ornamental.



No. 1, \$2.50.



No. 2, \$3.25.



No. 4, \$4.75.

Oblong Stand, 24 in. high, 30 in. long, 9½ in. wide.

Square Stand, with 2 shelves, 33 in. high, 18 in. deep, 33 in. long.

Semicircle stand, 36 in. high, 26 in. deep.

No. 3 is like No. 2, but has 3 shelves, 36 in. high, 24 in. deep, 33 in. long. \$4.00.

PATENT FOLDING WIRE PLANT STANDS.

Can be *opened or folded in a few seconds' time* by simply spreading the plant stand apart at the bottom and dropping the cross-bars into their places. Trays are in position and plant stand ready for use. To fold it, lift up the cross-bars and close the stand together closely and it is folded. The motion of spreading apart the plant stand opens the trays to position; the motion of closing it together folds it compactly. 2 and 3 shelves, same sizes and prices as the rigid.

WIRE TOMATO TRELLIS.

These are convenient to set up and take down, they support the plant thoroughly and keep the fruit off of the ground. They will last forever and when not in use can be stored away in a very small space. Per doz., \$1.50.

WOODEN TOMATO TRELLIS.

Made of hard wood; very durable and useful. Per doz., \$2.00.

BELLOWS, WOODASON'S, FOR LIQUID AND POWDER.

Large double cone, ea. \$3.00; large single cone, ea. \$2.00; small single cone, ea. \$1.00; liquid spraying, ea. \$2.00.



READY FOR USE

**PERFECT FLOWER SUPPORT.**

FOR FLORISTS' USE.

It is cheap, indestructible, will last for years, is adjustable to different heights, is quickly placed in position, strings are unnecessary, it is superior to sticks, and by its use a great saving in time and labor is effected.

Special patterns made to order at special prices. A liberal discount to large buyers.

No. 1 is the standard size; it enters

the soil 5 in., its height is 20 in. above foot-piece, and has 3 rings each 6 in. in diameter. Price, \$5.00 per 100. No. 2 is 22 in. high above foot-piece; \$5.50 per 100. No. 3 is 24 in. high above foot-piece; \$6.00 per 100.

GLAZIERS' POINTS, VAN RIPPER'S.

The only durable and reliable points. Made of galvanized steel wire; no rights and lefts. Price per box of 1000, 60 cents; by mail, 75 cents. Pincers for driving same, 40 cents; by mail, 50 cents.

See Special Offers on third page of cover.

TRELLISES.



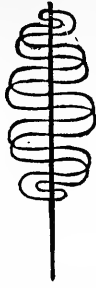
No. 00.



No. 00 wide.



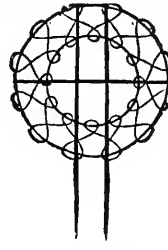
No. 0.



No. 0 wide.



No. 0 1/2.



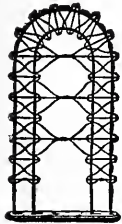
Ivy Trellis.



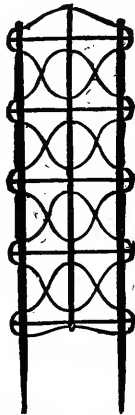
Fan Trellis.

	Each.	Per Doz.
No. 00, 18-in. stick, 3 1/2 in. wide . . .	\$0.05	\$0.50
„ 00 wide, 20-in. stick, 8 in. wide . . .	.08	.75
„ 0, 24-in. stick, 5 in. wide . . .	.08	.75
„ 0 wide, 24-in. stick, 8 in. wide . . .	.10	1.00
„ 0 1/2, 24-in. stick, 7 1/2 in. wide . . .	.15	1.50
Ivy Trellis. — 16 in. diameter . . .	.50	5.00
„ 20 „ „ . . .	.60	7.00
„ 24 „ „ . . .	.75	9.00

Fan Trellis. — 1 1/2 ft.,	Each.	Per Doz.
2 „ . . .	.15	1.50
2 1/2 „ . . .	.20	2.00
3 1/2 „ x 21 in. . .	.50	5.00
4 „ x 27 „ . . .	.50	6.00
5 „ x 32 „ . . .	.75	8.00
6 „ x 38 „ . . .	.75	9.00
7 „ x 42 „ . . .	1.00	11.00
8 „ x 46 „ . . .	1.00	12.00



Arch Top Ivy.



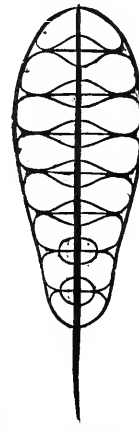
Veranda Trellis.



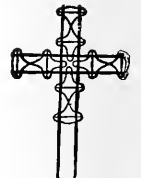
No. 2.

No. 3 1/2.

No. 1.



Bow Trellis.



Cross.

ARCH TOP IVY.

	Each.	Per Doz.
28 x 14 in., black walnut base . . .	\$1.00	\$10.00

BOW TRELLIS.

	Each.	Per Doz.
No. 1, 30 x 10 in.	\$0.20	\$2.00
„ 2, 30 x 14 „ . . . . .	.30	3.50
„ 3, 36 x 12 „ . . . . .	.40	4.00
„ 3 1/2, 42 x 14 „ . . . . .	.45	4.50
„ 4, 48 x 15 „ . . . . .	.50	5.00
„ 5, 60 x 18 „ . . . . .	.60	6.50
„ 6, 72 x 20 „ . . . . .	.75	8.00

CROSS TRELLIS.*

	Each.	Per Doz.
24 x 15 1/2 in.	\$0.30	\$3.00
42 x 24 „ . . . . .	.40	4.50

VERANDA TRELLIS.

	Each.	Per Doz.
2 ft.	\$0.30	\$3.00
3 „ . . . . .	.40	4.00
4 „ . . . . .	.50	5.00
5 x 1 1/2 „ . . . . .	.70	8.00
6 x 1 1/2 „ . . . . .	.80	9.50
7 x 1 1/2 „ . . . . .	.95	11.50
8 x 1 1/2 „	1.10	13.00
9 x 1 3/4 „	1.25	15.00
10 x 1 3/4 „	1.50	18.00
11 x 2 „	1.75	21.00
12 x 2 „	2.00	24.00

PLANT STICKS.

	Round.	Square.
5 ft. long x 5/8 in. dia.	Per 100, \$7.00	\$5.00
4 ft. x 9/16 in. „	„ „ 6.00	4.00
3 1/2 ft. x 9/16 in. „	„ „ 5.00	3.50
3 ft. x 1/2 in. „	„ „ 4.00	3.00
2 1/2 ft. x 7/16 in. „	„ „ 3.00	2.00
2 ft. x 3/8 in. „	„ „ 2.00	1.50
1 1/2 ft. x 5/16 in. „	„ „ 1.00	1.00
6 feet, extra heavy	„ „ 12.00	7.00

See Special Offers on third page of cover.

INSECTICIDES AND GARDEN AND FARM REQUISITES.

We are Sole New England Agents for W. S. Powell & Co.'s Reliable Fungicides and Insecticides, and offer the following at the manufacturer's prices:

- Powell's Guicide Powder.** For potato blight, potato rot, grape vine flea beetle, potato bugs, pear and cherry-slugs, codling moths, curculio and strawberry crown borers. Can be used either dry or in solution. 25-lb. boxes, .06 per lb., \$1.50 per box.
- Powell's Copperdine.** For black rot, downy mildew, and anthracnose of the grape, pear leaf blight, pear scab, apple scab and powdery mildew. 1 gallon cans, (makes 100 gallons wash) \$1.50 per can.
- Powell's Bordeaux Mixture.** For black rot, downy mildew and anthracnose of grapes, potato blight, potato rot, leaf blight of cherry, pear, quince, and other fungus diseases. 20-lb. packages, (50 gallons wash) \$1.00 per package.
- Powell's Kerosene Emulsion.** For plant lice of any kind, cabbage worms, scale insects on apple, pear, orange, lemon and other trees. 5 gallon buckets, (makes 75 gallons wash) \$1.25 per bucket.
- Powell's Quassaine.** This is a concentrated fluid extract Quassia, held in suspension by Whale Oil Soap — adopted and officially recommended by the State Horticultural Board of Washington, as a cheap and reliable non-poisonous insecticide for hop lice, aphids and all scale insects, nothing better for rose bushes and house plants. Quart cans, (50 gallons wash) \$1.00 per can; 1 gallon cans, (100 gallons wash) \$1.50 per can; 2 gallon cans, (200 gallons wash) \$2.50 per can.
- Powell's Carbolyzed Soap.** For peach, apple and other tree borers, also for washing trees to prevent attacks of animals or vermin. 1 gallon cans, (makes 12 gallons paint) \$1.00 per can.
- Powell's Sulpho-Steatite Powder.** For lettuce mildew, powdery and downy mildew of the grape, rose mildew, and other fungus diseases affecting plants under glass. 25-lb. boxes (used as a dust) 8c. per lb.
- Baskets, Verbena,** adjustable handles. \$2.00 per 100; \$18.00 per 1,000.
- Carbolic Purifying Powder,** for removing disagreeable, unhealthy odors. Trial pkg., .25; 6-lb. pkg., \$1.00.
- Caps, Hay, Breck's Improved,** brown, medicated, complete with ropes and pins, each .55; per 100, \$50.00.
- Caps, Hay, Childs' Patent,** water, mildew and vermin proof, complete with strings and pins, each .60; \$55 per 100.
- Canker Worm Exterminator, (Morrill's Tree Ink,)** a sure protection to trees from the ravages of grub and canker worms. Directions with each can.

2-lb. Cans	.30	20-lb. Cans	\$2.00
3-lb. " "	.45	28-lb. " "	2.80
5-lb. " "	.60	125-lb. Kegs, per lb.	.09
10-lb. " "	1.10	460-lb. Barrels, "	.07

Color, Improved Butter, Wells, Richardson & Co., imparts the "golden tint of June" to butter at all seasons of the year. Bottles sufficient for 500 lbs., .25; 1250 lbs., .50.

Color, Hanson's Butter, a universal favorite. In bottles at 25c., 50c. and \$1.00 each.

Cotton Batting, for packing flowers, etc. Per sheet, .06.

Dalmatian Insect Powder, for destroying *Roaches, Ants, Fleas,* and all other noxious *Insects.* Per lb., .40.

Dip, McDougall's Sheep, an effective, non-poisonous preparation for killing vermin on sheep, cattle, and domestic animals. Per quart, .75; ½ gallon, \$1.50; gallon, \$2.50.

Dusters, Tin, with finely perforated bottoms, for applying Paris green, slug shot, and similar insecticides, 25c. ea.

Food for Flowers, Bowker's. The best plant food for house plants, clean and effective. Boxes, 15c. and 25c. ea.

Gishurst Compound, for destroying vermin on fruit trees, roses, greenhouse plants, etc. In boxes, 35c. and \$1.00 each.

Gun, Excelsior Powder, for insect powders. Price, each, .20; per doz., \$2.00.



Grape Dust. A preparation for destroying mildew on grape vines. Can also be used on plants or trees affected with mould, mildew, or rust mites, either in greenhouses or the open air. Dust on a warm, dry day. Per lb., 10 cts.; 5 lbs., 35 cts.

Hellebore, for destroying *Rose Slugs.* One or two applications are usually sufficient for a season, and it is thoroughly effective. With directions. Per lb., 30 cts.

Little's Antipest. This preparation is a sure destroyer of all insect pests that infest plants. It is non-poisonous and when diluted and used according to directions is perfectly harmless to vegetation. Per pint, 60 cts.; quart, \$1.00; 2 quarts, \$1.50; gallon, \$2.50.

London Purple, for destroying potato bugs. Directions with each package. Per lb., 25 cts.

Mats, Archangel. Size, 8x4½ feet. An excellent covering for frames, hot-beds, etc., 75 cts. each.

Mats, Straw, for hot-beds, etc. Each, 6x6 ft., \$1.75. Other sizes to order.

Oil, Soluble Fir Tree. An invaluable preparation for destroying all insects and parasites that infest fruit trees, plants and animals, whether on the foliage or at the roots of the plants. Does not contain any poisonous properties. Quart, \$1.25; pint, .75; ½ pint, .50.

Paris Green, Breck's Strictly Pure, for destroying potato bugs. It is effectual for destroying that pest. Directions for use with each package. Per lb., .30.

Paper, Waxed, for packing flowers. Per lb., .50.

Paper, White, for packing flowers, etc. Per lb., .10.

Paper, Wrapping, strong manilla. Per lb., .08.

Tarred Paper, for using with tree ink, in rolls, about 50 lbs. each. Per lb., .05.

Special offer No. 2 only applies to articles on this page. See third page of cover.

Protector, Arlington Plant, protects from bugs, borers, and fowl; also subdues wind, rain, and cold. Each, 15 cents; per dozen, \$1.50.

Protecting Cloth for Hot Beds, largely used as a substitute for glass for protecting plants in early spring. In pieces of about 40 yards, per yard, 10 cents.

Scollay's Improved Putty Bulb, for glazing greenhouse sash, etc. Florists and nurserymen have found it to be a very valuable assistant. Price, \$1.00 each.

Roflea, a strong and cheap tying material for plants. Per pound, 40 cents.



Slug Shot not only acts as an insect destroyer, but it will be found to be an excellent fertilizer. It contains nothing injurious to domestic animals, and does not deteriorate by age. On low-growing plants it should be dusted on with a very fine sifter. On tall shrubs and trees it should be applied with bellows. Price, 5-lb. package, 30 cents; 10-lb. package, 50 cents; in barrels of about 225 pounds, four cents per pound.

Soap, Pinner's Tobacco, manufactured from the essential oil of tobacco, for the destruction of all insects, parasites and their eggs. Per pound, 50 cents; $\frac{1}{2}$ pound, 30 cents.

Soap, Whale Oil, for destroying insects on plants, trees, vines, etc., for washing down the bark of trees, grape-vines, etc. In boxes, 1 pound, 15 cents; $2\frac{1}{2}$ pound, 35 cents; in buckets of about 14 pounds, \$1.75.

Sulphur, Pure Flour of, for mildew on grape-vines, rose-bushes, etc., and for the destruction of insects on plants. Per pound, 10 cents.

Tinfoil, for bouquets (price variable). Per pound, 15 cents.

Tobacco Stems, for fumigating plants to destroy insects. Per pound, 10 cents; in bales of about 100 pounds, \$2.50.

Tobacco Dust, kills green and black fly, etc. Can be used dry or to make tobacco water. Per lb., 10 cents.

Twine, Soft, for tying cut flowers, vines, etc. Per ball, 25 cents.

Twine, Parceling, all sizes. Per ball, 10 to 25 cents.

Wax, Grafting, (Trowbridge's), the best in the market. Put up in 1-lb., $\frac{1}{2}$ -lb., and $\frac{1}{4}$ -lb. packages. Price per lb., 40 cents; $\frac{1}{2}$ -lb., 25 cents; $\frac{1}{4}$ -lb., 15 cents.

Wire, Bouquet, Nos. 23 and 24 (price variable). Per stone, \$1.50.

	Nos.	1	2	3	5	6	7	8	13	14	15	
Zinc Labels		Price per 100,	\$2.00	\$1.30	\$1.70	\$1.70	\$1.00	\$0.90	\$1.30	\$1.00	\$0.75	\$1.00

Rubber Plant Sprinkler. An indispensable article for showering plants, sprinkling bouquets, and dampening clothes. Price, large size \$1.00; small size, 50 cents each.

LEGGETT'S FUNGICIDE A POWDERED BORDEAUX MIXTURE

Stott's Fir Tree Oil Soap. A cheap, safe and effective insecticide. Per trial can, 25 cents; 2 lb. can, 75 cents; 5 lb. can, \$1.75.



To prevent mildew on grapes and other fruits and vegetables, rotting of tomatoes, potatoes, and all diseases of a fungus character, apple scab and mildew, pear leaf blight, plum fruit rot, cherry, gooseberry, strawberry and celery blight. 1 lb. boxes, 15 cents each; 5 lb. boxes, 75 cents each.

Harmless and effective. One application instantly and positively relieves horses and cattle from all annoyance from *Green Heads*, the dreaded *Texas Heel Fly* as well as from other flies, gnats and insects of every description for at least twenty-four hours. It improves the coat of the animal and abolishes the use of fly-nets. It prevents thrush and other hoof diseases. It is soothing and healing if applied to sores, and stands unrivalled as a disinfectant. Applied to cows, its wonderful effect in securing for them perfect rest and a chance to feed in peace

quickly manifests itself in their improved appearance and by the increased quantity of milk given. It is the greatest compound of this progressive age. Recommended by thousands using it. One gallon lasts four head of horses or cattle an entire season. Price of "Tough-on-Flies": Quart cans, \$1.00; $\frac{1}{2}$ -gallon cans, \$1.75; gallon cans, \$2.50; and 5-gallon cans, \$2.00 per gallon, including cup and brush with each can. When brush is not supplied, the price is 25 cents less than above prices.

Sashes for Hot Beds. We carry a stock of glazed sashes, extra well made from thoroughly seasoned lumber. Frame $1\frac{1}{2}$ inch, 3 x 6 feet, \$2.25; $1\frac{3}{4}$ inch, 3 x 6 feet, \$2.40. Unpainted and unglazed sashes, \$1.15 to \$1.35 each.

Wire Sieves. For preparing potting soil, sifting loam, gravel, etc. From 16 to 20 inches diameter; 75 cents to \$1.50 each.

Electric Tape. This is exceedingly useful for mending Rubber Hose. It is a strong, adhesive ribbon, three quarters of an inch wide, which can be wound tightly around a leaking part and thus stop it. Per coil, 25 and 50 cents.

Special Offer No. 2 only applies to articles on this page.

See Special Offers on third page of cover.

POULTRY SUPPLIES.

PRICES SUBJECT TO CHANGE.

Breck's Poultry and Swine Meal. Pure, Sweet and Superior to all others.

This meal has been before the American public a little over a year, but it has during that time found its way into the yards of the most progressive poultry men in the country, because it is *superior* in every respect TO ALL OTHER MEALS MADE FROM MEAT OR ANIMAL MATTER. It is not a new article, but one that has been used for a great many years in Germany, where it is known as "*Thieren Mehl*," which in English means meat meal, or meal made from animal matter. It is perfectly sweet and wholesome, being prepared when the materials are fresh, and it is guaranteed to keep longer and better than good beef scraps. Its odor is sweet and the flavor more agreeable than any other meat or animal meal on the market, hence it is better relished by poultry and swine, and consequently produces more satisfactory results. Order a trial bag and you will be convinced of its merits.

100 pound bags, \$2.25 per bag. Trial bag (a month's supply for 30 hens), \$1.00 per bag.

GROUND OYSTER SHELLS. 100 lb. bags, 65 cents per 100 lbs.; in barrels of 250 lbs., 65 cents per 100 lbs.

MICA CRYSTAL GRIT. 50 lb. bag, 75 cents; 100 lb., \$1.00.

CRACKED POULTRY BONE. Per barrel of about 200 lbs., \$2.50 per 100 lbs.

BONE MEAL FOR POULTRY AND CATTLE. 50 lb. bag, \$1.50; 100 lb. bag, \$2.50; per barrel of about 200 lbs., \$2.50 per 100 lbs.

FLOUR OF BONE. 50 lb. bags, \$1.50; 100 lb. bags, \$2.50; per barrel of about 200 lbs. \$2.50 per 100 lbs.

GROUND BEEF SCRAPS. 50 lb. bags, \$1.50; 100 lb. bags, \$2.50.

FISH MEAL. (Desiccated Fish.) 50 lb. bag, \$1.25; 100 lb. bag, \$2.00.

WHEAT. \$1.75 to \$2.00 per 100 lbs., according to quality.

WHEAT SCREENINGS. \$1.25 to \$1.75 per 100 lb. bag, according to quality.

BARLEY. 90 cents per bushel, net.

BUCKWHEAT. 90 cents per bushel, net.

PEAS. Small white Canada, \$1.50 per bushel.

SUNFLOWER. Large Russian, \$2.50 per bushel.

MILLET. Golden, for chickens, \$1.25 per bushel of 50 lbs.

HEMP, LARGE RUSSIAN. Much fed to pigeons and fowls that are being fattened for the table, \$1.75 per bushel of 40 lbs.

CANARY. Valuable for chickens and pigeons, \$2.50 per bushel of 60 lbs.

RUST'S EGG PRODUCER. 1 lb. box, 25 cents

each, if by mail, 44 cents; 2½ lb. box, 50 cents each, if by mail, \$1.00; 6 lb. box, \$1.00; 10 lb. box, \$1.50; 25 lb. kegs, \$3.50. These larger sizes can be sent cheaper by express than mail.

RUST'S HAVEN'S ROUP PILLS. These pills act directly on the glands and mucous membrane, allaying all tendencies to fever and

carrying off all morbid matter from the system. Per box, of 48 pills, free by mail, for 25 cents.



BRECK'S EUREKA EGG FOOD. This preparation stands without a rival as hundreds of those who have used it testify. It aids digestion, prevents and cures many diseases common to fowls, and, although the best egg persuader on earth, it does not destroy the fertility of the egg. Sample box by mail on receipt of 25 cents. 1 lb. box, 25 cents each, if by mail, 40 cents each; 2½ lb. box, 50 cents each, if by mail, \$1.00 each; 6 lb. box, \$1.00 each, 10 lb. box, \$1.50 each, 25 lb. kegs, \$3.50 each. These larger sizes can be sent cheaper by express than by mail.

RUST'S HAVEN'S CLIMAX CONDITION POWDER. Small package, 25 cents, if by mail, 50 cents; 2 lb. box, 50 cents, if by mail, 85 cents; 5 lb. box, equal to six 25 cent packages, \$1.00. (This size is too heavy for mailing and can be forwarded cheapest by express.)

CHARCOAL, POWDERED. 5 cents per lb., net.

CHALK, POWDERED. 1½ cents per lb., net.

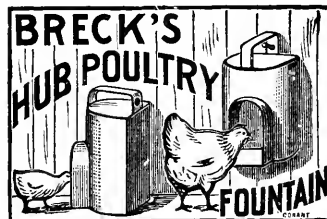
COPPERAS. 2 cents per lb., net.

DEATH TO LICE. 15 oz. box, 25 cents, if by mail, 40 cents; 3 lb. package, 50 cents, by mail, \$1.00; 100 oz. package, \$1.00, if by mail, \$2.00.

TOBACCO STEMS. Used to mix with nest material, fumigating, etc. Per lb., 5 cents; per bale, \$2.00, net.

BELLOWS, HOUGHIN'S PATENT. For distributing insect powder, etc. 3 oz. size, each 75 cents; 4 oz. size, each 90 cents; 6 oz. size, each \$1.00, net.

This fountain is made of the best galvanized iron, is very strong, easily cleaned, quickly filled, and is equally serviceable for both chickens and adult fowls (see cut). For practicability, durability and convenience, this fountain is vastly superior to all others. 1 gallon, each, 75 cents; 2 gallon, each, \$1.25.



POULTRY DRINKING FOUNTAINS. This fountain is made of the best patent stoneware, and is very desirable. ½ gallon, each, 35 cents, net; 1 gallon, each, 45 cents, net; 2 gallon, each, 55 cents, net.

MARKING PUNCH, Nickel-plated, with steel cutter and spring. Mailed on receipt of 25 cents.

NEST EGGS. China, per dozen, 40 cents, net.

CAPONIZING INSTRUMENTS. Complete set, with instructions, by mail, \$2.50; in velvet-lined case, \$2.75.

When Poultry Supplies are marked **Net** they are not subject to either of our special offers.

See Special Offers on third page of cover.

FERTILIZERS.

BRECK'S LAWN AND GARDEN DRESSING.

The verdict of all who have used Breck's Lawn and Garden Dressing is that it is the most complete and satisfactory Lawn Dressing ever placed upon the market. It is a brand manufactured expressly for our own trade, and we can therefore vouch for its containing all the constituents required to produce a growth of grass of a luxuriant nature and rich green color. While many Lawn Dressings are claimed to be odorless, we believe beyond a question that ours is the only absolutely odorless. It is also so clean that the most fastidious person can apply it without offending the organs of sight and smell. It being quick in action, the effect can be seen immediately after the first rain or the sprinkling of the hose, and going directly to the roots of the grass, stimulates them to greater activity, thereby thickening the sward and producing a firmer growth, which remains rich, green and velvety throughout the season. Its superiority over stable manure can scarcely be estimated, as the latter, in addition to disfiguring the lawn by its unsightly appearance, also gives out an unpleasant odor, and always contains weeds and other undesirable seeds. Great care should be taken to distribute the dressing evenly, and in no greater quantities than recommended on the tag which accompanies each bag, as a too liberal application will injure the sward. It can be applied at any time during the year from April to November, as often as the grass seems to need nourishment. In making new lawns apply at the same time the seed is sown and rake in with the seed. Never apply the dressing while the grass is wet with dew or rain. Any time the grass is perfectly dry will answer, but the best time to apply it is just before a shower. It is equally as suitable for flower-beds and all vegetable crops as for the lawn.

FOR LAWNS.

Trial bags for 1,000 square feet . . .	\$0.50
" 2,500 " . . .	1.00
" 50-lb. bags for 5,000 sq. ft., . . .	1.75
" 100-lb. " $\frac{1}{4}$ acre . . .	3.00

FOR FLOWER BEDS AND THE KITCHEN GARDEN.

25-lb. bags for 600 square feet . . .	\$1.00
50-lb. " 1,200 " . . .	1.75
100-lb. " 2,500 " . . .	3.00
200-lb. " $\frac{1}{8}$ acre " . . .	6.00

STURTEVANT'S GRANULATED TOBACCO AND SULPHUR.

LAWN DRESSING AND GARDEN FERTILIZER.

We are the manufacturers' New England agents for this valuable, combined Fertilizer and Insecticide. This is a cheap, odorless and easily applied Fertilizer, valuable alike for the flower and vegetable garden, orchard and lawn. It prevents the ravages of worms on the lawn, and tends to keep plants free from insects. It should be used at the rate of 50 lbs. per 1,000 square feet. Price, for 100-lb. bag, \$2.50, per 50-lb. bag, \$1.50, per 25-lb. bag, \$1.00.

FLOUR OF TOBACCO AND SULPHUR.

Special Offer No. 2 only applies to this article.

A desirable Fertilizer for house plants. May be applied in powder or liquid form. It prevents mildew on grapes and rose bushes, and destroys the green and black fly, grubs, cutworms, lice, etc. Packages 25 and 50 cents each.

PERUVIAN GUANO.

For forcing early vegetables or second garden crops, the brand "No. 1 Guaranteed," Peruvian Guano, is especially recommended. It is generally used by florists, and nothing is better for house plants than a weak solution applied once or twice a week.

PRICE: Per ton in 200-lb. bags</
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UNLEACHED HARD-WOOD ASHES.

We can supply direct from one of the most careful collectors in Canada, Unleached Hard-wood Ashes. Price on carload lots delivered at any point upon application.

PRICE:	Per ton, in barrels	.	.	} Special offer No. 2 only	{	\$18.00
	Per barrel	.	.			} applies on Wood Ashes.	{

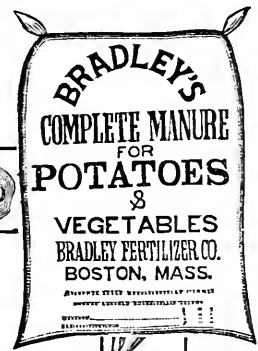
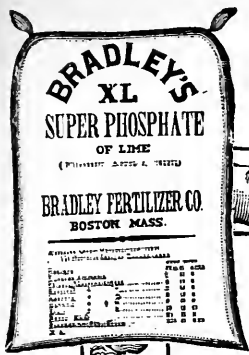
SHEEP MANURE.

The superior of all natural manures. Better than any chemical fertilizer. This is a pure natural manure, and the most nutritious food for plants. Its effect is immediate. It is the best of all manures for mixing with the soil for green-house plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden, or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest liquid manure, rivalling guano, without any deleterious effects. For use in liquid form, one pound to five gallons of water will make a dark liquid which can be used with safety daily if necessary. Retail price, in bags of 100 lbs. each, \$3.50; $\frac{1}{4}$ ton, five bags, \$15.00; per ton, 20 bags, \$45.00. Sheep manure at ton price is net F. O. B. Boston; smaller quantities as quoted are subject to Special Offer No. 2 only.

PLASTER DUST.

For destroying insects upon vines. Per 5-lb. box, 15c.; 25-lb. bag, 50c.; barrels of about 150 lbs., \$2.00 per barrel. Net F. O. B., Boston.

See Special Offers on third page of cover.



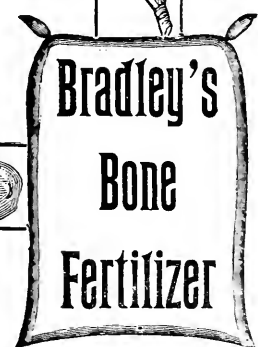
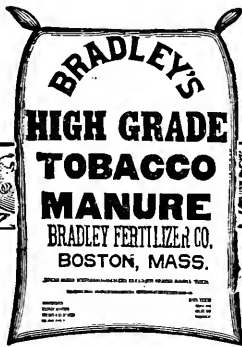
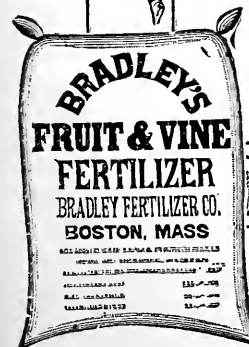
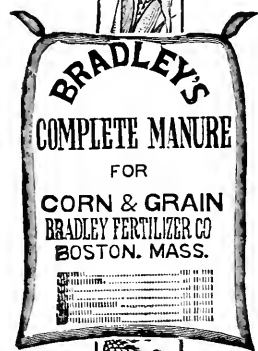
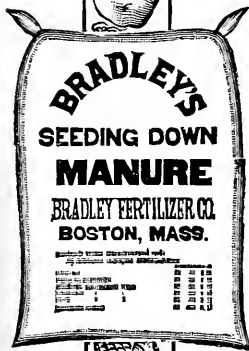
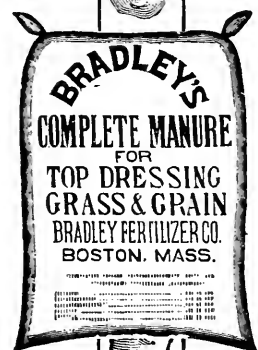
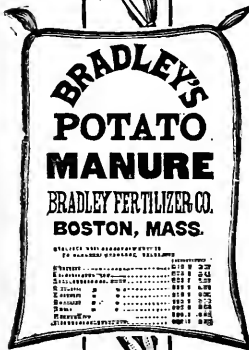
"Bradley's Standard Fertilizers are not an experiment, but have stood actual test in the field for thirty years, proving well their value for producing the largest possible yield of fine quality grain, vegetables, and fruits, and are a perfect and economical plant food."

MASSACHUSETTS PLOUGHMAN.

BRADLEY'S STANDARD FERTILIZERS

The Bradley Fertilizer Co. manufacture fertilizers of all grades, and for all crops; and, being the largest manufacturers in the world, their facilities for furnishing all kinds of fertilizers and agricultural chemicals at the lowest prices are absolutely unequalled. Send to us for their splendid catalogues.

For full description and prices of these different brands, see following page.



Bradley's Superphosphate

A High-Grade Complete Fertilizer for all Farm and Garden Crops with or without Stable Manure.

Bradley's Superphosphate, the pioneer of the fertilizer industry in the United States, has been more extensively used than any other brand of fertilizer in the world.

From its unvarying quality and uniform condition it has gained the name that more plainly bespeaks the estimate in which it is held among the farmers than volumes of praise—"the *Old Reliable*."

To the constant attention paid to the selection and preparation of the materials used in its manufacture is due the enviable reputation it has so long maintained for superior crop-producing powers and unequalled mechanical condition.

As it is a *complete* fertilizer, rich in available phosphoric acid, ammonia, and potash, it can be used either with or without barnyard manure.

Bradley's Potato Manure

For Growing Smooth, Sound Potatoes of the Best Quality without Barnyard Manure.

Bradley's Potato Manure is in no sense a theoretical or experimental mixture, but is prepared from formulas which repeated *field tests* have proven will produce the largest crops of smooth, sound potatoes.

The universal testimony of leading farmers is convincing that it gives the best of satisfaction, and at a considerable saving in cost over many of the high-priced "special potato manures" whose alleged scientific combination is their principal claim to the farmers' patronage.

Bradley's Complete Manure for Potatoes and Vegetables

Is particularly rich in ammonia and potash, and has given phenomenal results in growing large crops of the best quality of potatoes, onions, beets, turnips, carrots, cabbages, squashes, melons, etc. It is a perfect fertilizer for growing all kinds of root crops and market garden truck. It is the market gardeners' favorite.

Bradley's Complete Manure for Corn and Grain

Containing a larger percentage of available phosphoric acid, but with less potash than the brand for potatoes and vegetables, is especially recommended for growing large crops of fully matured corn and grain. It has never been equalled by any "special" fertilizer for these crops.

Bradley's Complete Manure for Top-Dressing Grass and Grain

This fertilizer contains a very large amount of nitrogen in *quickly available form*, and therefore imparts to grass and grain, when applied as a top-dressing in the early spring, a quick, vigorous start, and insures early maturity. Meadows and pasture lands are wonderfully renewed by an application of four hundred to six hundred pounds of this fertilizer to the acre in the early spring, the hay crop being oftentimes increased threefold by its use.

Prices for Bradley's Standard Fertilizers

Bradley's Superphosphate	. . . . .	50-lb. bag, \$1.25	100-lb. bag, \$2.00	ton, \$36.00
Bradley's Potato Manure	. . . . .	" "	" " 2.00	" 36.00
Bradley's Complete Manure for Potatoes and Vegetables	. . . . .	" "	" " 2.25	" 42.50
Bradley's Complete Manure for Corn and Grain	. . . . .	" "	" " 2.25	" 42.50
Bradley's Complete Manure for Top-Dressing Grass and Grain	. . . . .	" "	" " 2.25	" 42.50
Bradley's Bone Fertilizer	. . . . .	50-lb. bag, \$1.25	" " 2.00	" 35.00
Bradley's High Grade Tobacco Manure	. . . . .	" "	" " 2.75	" 50.00
Bradley's Seeding-Down Manure	. . . . .	" "	" " 2.00	" 36.00

These prices are not subject to Special Offers, but we allow a discount of 5 per cent.
when cash accompanies order.

THE MAPES MANURES.

These are the standard Special Crop Fertilizers of the world. They may cost a little more than some other "complete manures," but they give far better results in the field.

We are the sole Boston Agents, also, for some other New England sections. Pamphlets giving full information in regard to the Manures mailed free.

These Fertilizers are packed in bags of 200 pounds each. 2,000 pounds to the ton.

Our Special Offers do not apply to Mapes Manures, but we allow five per cent discount for cash payments. F. O. B. Boston.

Potato Manure. For Irish and sweet potatoes; also for asparagus, early vegetables, tomatoes, sugar beets, fruits, sorghum, and sugar cane. Per bag of 200 lbs., \$4.50; three bags and over, \$43.00 per ton.

Fruit and Vine Manure. For insuring fruiting power, particularly in quality of fruit in vineyards (grapes), pears, apples, plums, strawberries and all small fruits. Is slow in effects. Per bag of 200 lbs., \$4.20; three bags and over, \$40.00 per ton.

Complete Manure (for heavy soils). For use on heavy or clay soil, for wheat, rye, oats, seeding-grass, or spring top-dressing of meadows, pastures, etc., on *any soils* where *small* quantity of potash, but large quantities of ammonia and phosphoric acid are required. It is very safe for use around young plants, nursery work, strawberry vines. Is very forcing. Per bag of 200 lbs., \$4.40; three bags and over, \$42.00 per ton.

Complete Manure (for light soils). Early vegetable or truck manure. For all kinds of soils, light or heavy, use broadcast; special for onions, also on light soils for asparagus, sweet potatoes, melons, tomatoes, wheat and seeding to grass. Per bag of 200 lbs., \$4.60; three bags and over, \$44.00 per ton.

Complete Manure ("A" Brand). For use in hill or drill on all crops, particularly in connection with farm manures. Special for peas, beans, buckwheat, and turnips. Per bag of 200 lbs., \$3.90; three bags and over, \$37.00 per ton.

Complete Manure (for general use). A substitute for stable manure. For use on all crops and all soils with or without stable manure. Use broadcast; use sparingly, if put in hills. Special for oats, Hungarian grass, vegetables, melons, tomatoes, and seeding with or without grain. Per bag of 200 lbs., \$4.20; three bags and over, \$40.00 per ton.

Corn Manure. For sweet corn, fodder corn, Hungarian grass, millet, late turnips, late cabbage, and seeding to grass. Per bag of 200 lbs., \$4.30; three bags and over, \$41.00 per ton.

Cauliflower and Cabbage Manure. Ammonia, 5.50 to 6.50 per cent.; phosphoric acid, 6 to 8 per cent.; actual potash, 8 to 10 per cent. Per bag of 200 lbs., \$4.20; three bags and over, \$40.00 per ton.

Grass and Grain Spring Top Dressing. Ammonia, 5 to 6 per cent.; phosphoric acid, 7 to 9 per cent.; actual potash, 5 to 7 per cent. Per bag of 200 lbs., \$4.30; three bags and over, \$41.00 per ton.

STOCKBRIDGE MANURES AND BOWKER'S PHOSPHATE.

These goods are so well known in New England that remark from us regarding them is uncalled for.

LIST OF STOCKBRIDGE SP AL MANURES.

Stockbridge Potato Manure, for one acre without stable manure,*	1,000 to 1,500 lbs.	Per bag (100 lbs.),	\$2.25
Stockbridge Corn Manure, " " "	600 to 1,200 lbs.	" "	2.25
Stockbridge Grass Manure, Top Dressing, " " "	300 to 600 lbs.	" "	2.25
Stockbridge Seeding Down Manure, " " "	600 to 800 lbs.	" "	2.25
Stockbridge Vegetable Manure, " " "	1,000 to 2,000 lbs.	" "	2.25
Stockbridge Fruit Manure, " " "	1,000 to 2,000 lbs.	" "	2.25
Stockbridge Root Manure, " " "	600 to 1,500 lbs.	" "	2.25
Stockbridge Asparagus Manure, " " "	1,200 to 2,000 lbs.	" "	2.25
Stockbridge Celery Manure, " " "	1,500 to 2,000 lbs.	" "	2.25

*The above quantities recommended for one acre are without stable manure; but, if stable manure is used in connection with the Stockbridge, then a smaller amount can be used, depending on the amount of manure applied and its richness. About one-half the quantity of each is the rule.

The first column gives the usual quantities which farmers apply, and the second column the usual quantities which market gardeners apply.

Bowker's Hill and Drill Phosphate. Per 50 lb. bag, \$1.25; per 100 lb. bag, \$2.00; per ton, \$36.00.

Bowker's Fresh Ground Fertilizer Bone. Per 50 lb. bag, \$1.25; per 100 lb. bag, \$2.00; per ton, \$35.00.

The prices quoted on "Stockbridge Manures," Bowker's "Hill and Drill," and "Fresh Ground Bone," are *net f. o. b. Boston*, and *not subject* to our special offers; but a discount of five per cent may be deducted when cash accompanies order.

CHEMICALS.

Prices Variable. Subject to Change Without Notice.

Sulphate Ammonia, 25 per cent. ammonia,	per 100 lbs.	.	.	.	.	.	.	.	\$3.75
Nitrate Soda, 95 per cent. purity,	"	.	.	.	.	.	.	.	2.75
Muriate Potash, 80 to 85 per cent. M. Potash,	"	.	.	.	.	.	.	.	2.50
Sulphate Potash, 50 to 55 per cent. S. Potash,	"	.	.	.	.	.	.	.	1.75
Kainit, 20 to 25 per cent. Sulphate Potash,	"	.	.	.	.	.	.	.	1.00
Bone Black,	"	.	.	.	.	.	.	.	1.50
Sulphuric Acid,	"	.	.	.	.	.	.	.	1.75

Land Plaster. Per bbl., \$2.00; per ton, \$9.00, *net f. o. b. Boston*.

Carboys for Sulphuric Acid, \$1.50, returnable. Chemicals, net cash, F. O. B. Boston.

See Special Offers on third page of cover.

VALUABLE TABLES.

SEED REQUISITE TO PRODUCE A GIVEN NUMBER OF PLANTS AND SOW AN ACRE.

	Quantity per acre.		Quantity per acre.
Artichoke, 1 oz. to 500 plants	1/2 lb.	Hemp	1 bu.
Asparagus, 1 oz. to 200 plants	5 lbs.	Kale, 1 oz. to 3,000 plants	4 oz.
Barley	2 1/2 bu.	Kohl Rabi, 1 oz. to 200 feet of drill	2 lbs.
Beans, Dwarf, 1 qt. to 150 feet of drill	1 1/4 "	Leek, 1 oz. to 250 feet of drill	4 "
Beans, Pole, 1 qt. to 200 hills	1/2 "	Lettuce, 1 oz. to 250 feet of drill	3 "
Beet, Garden, 1 oz. to 100 feet of drill	10 lbs.	Martynia, 1 oz. to 50 feet of drill	10 "
Beet, Mangel, 1 oz. to 150 feet of drill	6 "	Melon, Musk, 1 oz. to 100 hills	1 1/4 "
Broccoli, 1 oz. to 3,000 plants	5 oz.	" Water, 1 oz. to 25 hills	1 1/2 "
Broom Corn	10 lbs.	Nasturtium, 1 oz. to 50 feet of drill	10 bu.
Brussels, Sprouts, 1 oz. to 3,000 plants	5 oz.	Oats	2 1/2 "
Buckwheat	1/2 bu.	Okra, 1 oz. to 50 feet of drill	10 lb.
Cabbage, 1 oz. to 3,000 plants	5 oz.	Onion Seed, 1 oz. to 200 feet of drill	4 to 5 "
Carrot, 1 oz. to 150 feet of drill	2 1/2 lbs.	" " for Sets	30 to 50 "
Cauliflower, 1 oz. to 3,000 plants	5 oz.	Onion Sets, 1 qt. to 20 feet of drill	8 bu.
Celery, 1 oz. to 10,000 plants	4 "	Parsnip, 1 oz. to 250 feet of drill	5 lbs.
Clover, Alsike and White Dutch	6 lbs.	Parsley, 1 oz. to 250 feet of drill	8 "
" Lucerne, Large Red and Crimson Trefoil	8 "	Peas, Garden, 1 qt. to 150 feet of drill	1 1/2 bu.
" Medium	10 "	" Field	2 1/2 "
Collards, 1 oz. to 2,500 plants	6 oz.	Pepper, 1 oz. to 1,500 plants	4 oz.
Corn, Sweet, 1 qt. to 500 hills	8 qts.	Potatoes	10 bu.
Cress, 1 oz. to 150 feet of drill	8 lbs.	Pumpkin, 1 qt. to 300 hills	4 qts.
Cucumber, 1 oz. to 80 hills	1 1/4 "	Radish, 1 oz. to 150 feet of drill	8 lbs.
Egg Plant 1 oz. to 2,000 plants	8 oz.	Rye	1 1/2 bu.
Endive, 1 oz. to 300 feet of drill	3 lbs.	Salsify, 1 oz. to 60 feet of drill	8 lbs.
Flax, broadcast	1/2 bu.	Spinach, 1 oz. to 150 feet of drill	10 "
Garlic, bulbs, 1 lb. to 10 feet of drill	3 lbs.	Summer Savory, 1 oz. to 500 feet of drill	2 "
Gourd, 1 oz. to 25 hills	2 1/2 lbs.	Squash, Summer, 1 oz. to 40 hills	2 "
Grass, Blue, Kentucky	3 bu.	" Winter, 1 oz. to 10 hills	3 "
" Blue, English	2 "	Tomato, 1 oz. to 3,000 plants	3 oz.
" Hungarian and Millet	3/4 "	Tobacco, 1 oz. to 5,000 plants	2 "
" Mixed Lawn	3 to 5 "	Turnip, 1 oz. to 250 feet of drill	1 1/2 lbs.
" Orchard, Perennial Rye, Red Top, Fowl	3 bu.	Vetches	3 bu.
" Meadow and Wood Meadow	3 bu.	Wheat	1 to 2 "
" Timothy	1/2 "		

NUMBER OF PLANTS OR TREES TO THE ACRE AT GIVEN DISTANCES.

Dis. apart.	No. plants.	Dis. apart.	No. plants.	Dis. apart.	No. plants.
1/2 foot	174,240	4 feet by 2 feet	5,444	10 feet	435
1 "	43,560	4 " 3 "	3,629	11 "	360
1 1/2 "	19,360	4 " 4 "	2,722	12 "	302
2 feet	10,890	5 " 5 "	1,742	15 "	193
2 1/2 "	6,969	6 feet	1,210	18 "	134
3 feet by 1 foot	14,520	7 "	889	20 "	108
3 " 2 feet	7,260	8 "	680	25 "	69
3 " 3 "	4,840	9 "	573	30 "	64
4 " 1 "	10,888				

WEIGHT OF VARIOUS ARTICLES.

	Per bush., 48 lbs.		Per bush., 52 lbs.
Apples	22 "	Onions	60 "
" Dried	48 "	Peas	8 "
Barley	60 "	Plastering Hair	50 "
Beans	48 "	Rape	56 "
Buckwheat	46 "	Rye	14 "
Broom Corn	14 "	*Red Top Seed	50 "
Blue Grass, Kentucky	24 "	Salt, Coarse	56 "
" " English	20 "	" Michigan	56 "
Bran	60 "	Sweet Potatoes	45 "
Canary Seed	46 "	Timothy Seed	58 "
Castor Beans	60 "	Turnips	60 "
Clover Seed	56 "	Wheat	200 "
Corn, Shelled	70 "	Beef and Pork, per bbl., net	196 "
" on Ear	50 "	Flour, per bbl., net	200 "
Corn Meal	22 "	White Fish and Trout, per bbl., net	280 "
Charcoal	80 "	Salt, per bbl.	220 "
Coal, Mineral	40 "	Lime, "	4 1/2 "
Cranberries	28 "	Hay, well settled, per cubic foot	22 "
Dried Peaches	56 "	Corn, on Cob, in bin, "	45 "
Flax Seed	40 "	" Shelled, "	48 "
Hemp Seed	48 "	Wheat, "	25 1/2 "
Hungarian Grass Seed	60 "	Oats, "	38 1/2 "
Irish Potatoes, heaping measure	50 "	Potatoes, "	95 "
Millet	38 "	Sand, Dry, "	135 "
Malt	32 "	Clay, Compact, "	169 "
Oats	33 "	Marble, "	5,616 "
Osage Orange	14 "	Seasoned Beech Wood, per cord	6,960 "
Orchard Grass		" Hickory, "	

* In New England, Red Top is sold at 10 lbs. per bushel, so we are obliged to conform and buy and sell at 10 lbs.



See Our Special Offers on Third Page Cover.

Having but a limited space, we cannot give as much room to the Directions for the Culture and Treatment of Flowers, as we could desire, so we offer the following extracts from Breck's New Book of Flowers, and trust the same will not be amiss:—

"It is impossible to give directions for planting seeds that will be applicable to all soils, situations or seasons; but judgment, discretion and care must be exercised under all circumstances to ensure success.

"It is a great disappointment and vexation to find after you have made ample preparations, and planted your seed, that it is worthless, your

labor all lost, and probably too late in the season to make a trial of other seed. Perhaps the following hints may remind one of the importance of beginning right:

"To raise your flowers, various arts combine,
Study these well, and fancy's flight decline;
If you would have a vivid, vigorous breed,
Of every kind, examine well the seed;
Learn to what elements your plants belong,
What is their constitution, weak or strong;

Be their physician, careful of their lives,
And see that every species daily thrives;
These love much air, these on much earth rely,
These, without constant warmth, decay and die,
Supply the wants of each, and they will pay
For all your care through each succeeding day."

EXPLANATORY.

Our General List of Flower Seeds, it will be found, is divided into the following groups, viz. Annuals, Perennials and Biennials; Climbers; Greenhouse Plants; Everlastings; Ornamental Grasses, etc. The botanical and common names are arranged in alphabetical order and a very complete index will be found in the front of book. Following the botanical name is a brief description of the plant, its color, habits, etc. In the first column at the right, the hardiness and duration is given; in the second column, the height of plant; in the third column, the price of seed per ounce; and in the fourth column the price of seed per packet. To this arrangement and the following abbreviations we have given the most careful attention, and we trust that its simplicity will not only find favor with our customers, but prove valuable to them as a handy reference to be used in all matters pertaining to floriculture.

KEY TO ABBREVIATIONS.

A designates Annuals — Lasting but one year.

B " Biennials — Lasting two years.

P " Perennials — Lasting three or more years.

† " This sign, where affixed to B or P, indicates Biennials or Perennials which, if sown early, flower the first season.

hA designates Hardy Annuals — Seed may be sown in early spring or late in fall.

hhA " Half Hardy Annuals — Seed should be sown about middle or last of May.

tA " Tender Annuals — Seed must be started in artificial heat and transplanted to open ground about June 1st.

hB or hP designates Hardy Biennials or Perennials — Plants stand the coldest winter without protection.

hhB or hhP " Half Hardy Biennials or Perennials — Plants requiring to be well protected during winter.

tP " Tender Perennials — Plants requiring greenhouse protection during winter.

Hard. and Dur. signifies Hardiness and Duration; Trai., Trailing; H'g't, Height; and Var., Various.

Descriptions of New and Special Varieties will be found on colored pages.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
ABOBRA.	<i>See Climbers,</i>				
ABRONIA.	Charming Trailer, with beautiful Verbena-like flowers.				
"	Umbellata, rosy Lilac, fragrant	hhA			.05
"	Arenaria, yellow	"			.05
ABUTILON.	<i>See Seeds for Greenhouse,</i>				
ABYSSINIAN GRASS.	<i>See Ornamental Grasses,</i>				
ACONITUM.	(Monkshood.) Showy plants, adapted to shady situations.				
"	Napellus, blue, tipped with white	hP	2		.05
ACROCLINIUM.	<i>See Everlastings,</i>				
ADLUMIA.	(Alleghany Vine.) <i>See Climbers,</i>				
ADONIS.	Showy border-plants, remaining a long time in flower.				
"	Æstivalis, scarlet	hA	1		.05
"	Vernalis, yellow	hP	1		.05
"	Autumnalis, crimson	hA	1		.05
AFRICAN ROSE.	<i>See Hibiscus.</i>				
AGERATUM.	Valuable for beds or borders, in bloom the whole summer; good for winter blooming, and useful for cut flowers.				
"	Lasseauxii, rose	tP	1½		.10
"	Little Dorrit, azure blue	hhA	1		.05
"	" white	"	1		.05
"	Mexicanum, lavender blue	"	2		.05
"	" Album, white	"	2		.05
"	Imperial Dwarf, blue	"	½		.05
"	" white	"	½		.05
AGROSTEMMA.	Free-flowering and attractive.				
"	Cœli Rosea (Rose of Heaven), rose	hA	1		.05
"	" Alba, white	"	1		.05
"	Coronaria Alba, white	hP†	1½		.05
"	" (Rose Champion), red	"	1½		.05
AGROSTIS.	<i>See Ornamental Grasses,</i>				
ALLIUM.	A showy class of bulbous-rooted plants.				
"	Azureum, showy heads of azure-blue flowers	hhP	2		.10
"	Neapolitanum, bearing pure white flowers in an umbel	tP	2		.10
ALONSOA.	One of the most desirable bedding plants, easily grown, flowers all summer.				
"	Myrtifolia, large scarlet flowers, very fine	hhA	2		.05
"	Warcewiczii, scarlet, good spike	"	1½		.05
ALYSSUM.	Free-flowering, pretty little plants for beds, edgings, or rock-work, or winter-bloom- ing; the annual variety blooms all summer.				
"	Maritimum (Sweet Alyssum), fragrant, white	hA	½	.50	.05
"	Benthami Compactum, pure white, dwarf, compact growth	"	½		.05
"	Saxatile " (Gold Dust), deep golden yellow	hP	½		.05
"	Wierzebecki, white and yellow, mixed	"	¾		.05
AMARANTHUS.	Ornamental foliage plants, invaluable for bedding purposes.				
"	Bicolor Ruber, foliage green, shaded red, tipped with yellow	hhA	3		.05
"	Caudatus (Love lies Bleeding), red, drooping panicles of flowers; handsome.	"	3		.05
"	Cruentus (Prince's Feather), crimson, highly ornamental	"	3		.05
"	Henderi, varied colors; very brilliant, one of the best	"	3		.10
"	Melancholicus ruber, dwarf, compact habit, blood-red foliage	"	1½	.40	.05
"	Salicifolius (Fountain Plant), scarlet, bronzy-green foliage, graceful droop- ing habit	"	3		.05
"	Tricolor (Joseph's Coat), foliage scarlet, yellow and green, beautiful	"	1½	.40	.05
AMMOBIUM.	<i>See Climbers,</i>				
AMPELOPSIS.	<i>See Climbers,</i>				
ANAGALLIS.	(Pimpernelle.) Valuable for beds, rustic baskets, vases and rock-work; various colors, constant bloomers.				
"	Grandiflora superba, fine mixed	hhA	½		.05
ANCHUSA.	A splendid bouquet flower, of long duration.				
"	Capensis	hP†	2		.05
ANDROPOGON.	<i>See Ornamental Grasses,</i>				
ANEMONE.	(Wind Flower.) Showy flowering plants, fine for bouquets.				
"	Chinensis, single, mixed	hP	1		.15
"	Fulgens, flowers large, bright scarlet	hP†	1		.15
"	Japonica, red and white mixed	"	2		.10
ANGELONIA.	Desirable as a pot plant in winter or for outside planting in spring.				
"	Grandiflora, with long spikes of cup-shaped flowers, very fragrant	hhP†	1½		.15
ANIMATED OATS.	<i>See Ornamental Grasses,</i>				
ANTHOXANTHUM.	<i>See Ornamental Grasses,</i>				
ANTIRRHINUM.	(Snap-Drageon.) One of the most showy and useful border-plants, with fine- shaped flowers of the most beautiful colors.				
"	Majus, tall varieties, splendid mixture	hP†	2	.60	.05
"	Nanum, dwarf varieties, splendid mixture	"	1	.75	.05
"	Tom Thumb, mixed varieties	"	½		.05
AQUILEGIA.	(Columbine.) Produces beautiful, odd-shaped and variously-colored flowers; blooms early in spring.				
"	Californica, hybrida, centre petals golden-yellow, sepals and spurs deep orange red	hP	2		.15
"	Chrysantha (golden-spurred), bright golden-yellow	"	2		.05

See Special Offers on third page of cover.



AGROSTEMMA.



ALYSSUM.



AQUILEGIA.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
AQUILEGIA.	<i>Cœrulea hybrida</i> , violet-blue and yellow, fine	h P	2		.15
"	<i>Glandulosa</i> , blue-tipped, white	"	1½		.10
"	<i>Skinnerii</i> , scarlet and yellow	"	1½		.10
"	Single, all colors mixed	"	2	.50	.05
"	Double, mixed	"	1½		.05
ARABIS.	An early-blooming plant, well-adapted for borders and rock work.				
"	<i>Alpina</i> , white	"	½		.10
ARCTOTIS.	Free-flowering plant, compact, dwarf habit.				
"	<i>Breviscapa</i> , large orange flowers, dark centre	hhA	1½		.10
ARGEMONE.	(Prickly Poppy.) Large, poppy-like flowers, very effective in the border.				
"	<i>Hunnemanii</i> , carmine and yellow	hA	2		.05
ARISTOLOCHIA.	<i>See Climbers,</i>				
ARUNDO.	<i>See Ornamental Grasses,</i>				
ASPERULA.	Dwarf plants of compact growth, excellent for making bouquets.				
"	<i>Azurea Setosa</i> , blue	"	½		.05
"	<i>Odorata</i> , white, very sweet-scented	hP	¾		.05
AUBRIETIA.	Dwarf-growing plants, invaluable for rock-work and borders.				
"	<i>Græca</i> , blue, charming	"	½		.10
ASTER.	One of the most popular and effective of our garden favorites, in which richness and variety of color are combined with the most perfect and beautiful form.				
	The vast improvement made in the last few years by the English and German growers cannot be too highly spoken of. We refer especially to the different varieties of Truffaut's <i>Pæony</i> -flowered and the New Washington Asters. The <i>La Superbe</i> varieties of the first-named are rightly termed, for in every respect they are truly superb.				
"	<i>Comet</i> , pink and white, peculiarly twisted petals	hhA	I		.15
"	" <i>Deep Rose</i> , like preceding, except in color	"	I		.15
"	" <i>Bright Blue</i> , flowers same as preceding	"	I		.15
"	<i>Triumph</i> , brilliant scarlet, profuse bloomer	"	¾		.15
"	<i>Prince of Wales</i> , rich dark crimson, fine for florists' use	"	1½		.15
"	<i>Lilliput</i> , white, small flowers in great abundance	"	¾		.15
"	<i>Mignon</i> , beautiful, pure white, habit of the <i>Victoria</i> family	"	1½		.10
"	<i>German Quilled</i> . For beauty and quality of flower, variety and brilliancy of color, nothing finer in the way of a quilled Aster can be had than this strain. Mixed colors	"	2	1.25	.10
"	<i>Betteridge's Choice Quilled</i> , mixed colors	"	2		.10
"	<i>Cocardeau or Crown</i> , large, white-centred flowers, attractive and beautiful; mixed colors,	"	2		.10
"	<i>Dwarf Chrysanthemum</i> , immense flowers, free bloomer; mixed colors	"	¾		.15
"	<i>Giant Emperor</i> , immense, brilliant flowers, very double; mixed colors	"	1½		.15
"	<i>Imbricated Pompon</i> , exquisitely formed small flowers; mixed colors	"	1½		.10
"	<i>Hedgehog, Porcupine, or Needle</i> , a variety with large, massive flowers, the petals of which are long, quilled, and sharply pointed; mixed colors	"	2		.10
"	<i>Dwarf Pyramidal Bouquet</i> , so profuse in bloom the foliage is hidden with flowers; mixed colors	"	I		.10
"	<i>Truffaut's French Pæony-flowered Perfection</i> . This is the most perfect type of the <i>Pæony</i> -flowered Asters; the habit of the plant is excellent, the flowers are perfect in quality, form, size, and color, choicest mixed	"	1½	4.00	.15
"	" <i>Blue</i>	"	1½		.15
"	" <i>Scarlet</i>	"	1½		.15
"	" <i>White</i>	"	2		.15
"	<i>La Superbe</i> , rose, sky-blue and white, pure white; <i>each</i>	"	2		.15
"	<i>Mixture</i> , of three colors	"	2		.15

See Special Offers on third page of cover.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
ASTER.	New Washington , without exception the largest Aster in cultivation, the flowers being frequently 4 to 5 inches in diameter, and of perfect form; mixed colors	hhA	2		.25
"	Victoria , of vigorous habit, pyramidal form; flowers very large, beautifully imbricated, and freely produced; mixed colors	"	1½		.15
"	White , tinted with rose, a new, delicate colored variety, the young flowers of which are particularly charming, and well adapted for bouquet-making	"	1½		.15
"	Pæony-flowered Globe , very early variety, vigorous habit and large flowers, very double; mixed colors	"	2		.15
"	Perennial (Michaelmas Daisies), thrives in any good garden soil; saved from a superior strain; finest mixed, all colors	hP†	2		.05
AVENA.	See <i>Ornamental Grasses</i> ,				
BABY'S BREATH.	See <i>Gypsophila Paniculata</i> .				
BACHELOR'S BUTTON.	See <i>Centaurea Cyanus</i> .				
BALLOON VINE.	See <i>Climbers</i> ,				
BALSAM.	See <i>Impatiens Balsamina</i> .				
BAPTISIA.	(False Indigo.) Of easy culture, producing long spikes of blue, pea-shaped flowers				
"	Australis , bright blue	hP	2		.10
BARTONIA.	Effective for beds and borders, with yellow flowers and thistle-like foliage	hA	2	.50	.05
"	Aurea , large golden-yellow; brilliant in the sunshine				
BEE LARKSPUR.	See <i>Delphinium Elatum</i> .				
BEGONIA.	See <i>Seeds for Greenhouse</i> ,				
BELL FLOWER.	See <i>Seeds for Greenhouse</i> ,				
BELLIS.	(Double Daisy.) A favorite plant for beds or pot culture; the seed we offer is saved from the finest double varieties				
"	Perennis Alba , fl. pl., pure white double daisy	hhP	¼		.15
"	Longfellow , double, rose	"	¼		.15
"	Rubra , fl. pl., double, red	"	¼		.15
"	fl. pl. , finest mixed	"	¼		.15
BIGNONIA.	See <i>Climbers</i> ,				
BLANKET FLOWER.	See <i>Gaillardia</i> .				
BOCCONIA.	Ornamental foliage plants, exceedingly effective as single specimens for lawns or in borders				
"	Japonica , produces racemes of bloom from 2 to 3 feet long	hP	5-7		.10
BOSTON IVY.	See <i>Climbers</i> ,				
BRACHYCOME.	(Swan River Daisy.) A beautiful free-flowering, dwarf-growing plant, covered all summer with a profusion of Cineraria-like flowers; valuable for edgings, small beds or pot culture				
"	Iberidifolia , blue	hhA	½		.05
"	Alba , white	"	½		.05
BRIZA.	See <i>Ornamental Grasses</i> ,				
BRIZOPYRUM.	See <i>Ornamental Grasses</i> ,				
BROMUS.	See <i>Ornamental Grasses</i> ,				
BROWALLIA.	One of the finest blue flowers, suitable for pot or garden culture, and very valuable for bouquets				
"	Elata , blue	"	1½		.10
"	Alba , pure white flowers	"	1½		.10
BYRONOPSIS.	See <i>Climbers</i> ,				
CACALIA.	(Tassel Flower.) A beautiful and profuse-flowering genus of plants, of easy culture; continues in bloom all summer				
"	Cocinea , orange-scarlet, flowering in clusters	"	1½	.50	.05
"	Aurea , golden-yellow	"	1½		.05
CALANDRINIA.	Free-flowering plants, invaluable for edging, rock-work, and dry, hot banks, or similar situations; producing an abundance of blossoms				
"	Grandiflora , rose, large-flowered	hA	1		.05
"	Speciosa Alba , white, fine	"	1		.05
CALCEOLARIA.	See <i>Seeds for Greenhouse</i> ,				
CALENDULA.	(Marigold.) Showy, free-flowering plants, growing in all situations				
"	Le Proust , buff, extra	"	1½		.05
"	Meteor , perfect double, striped, the petals having a creamy centre edged with orange-yellow	"	1		.05
"	Prince of Orange , large, double, dark orange flowers; a profuse and constant bloomer	"	1		.05
CALLIRHOE.	Commences to bloom when about six inches high, and presents a mass of flowers during the entire summer				
"	Pedata Nana , violet-crimson	"	1		.05
CAMPANULA.	(Canterbury Bells.) Neat, showy, and excellent for masses or borders				
"	Speculum (Venus' Looking-glass), mixed colors	"	½		.05
"	Media , double, mixed	hB	2½	.50	.05
"	single , mixed	"	2½		.05
"	Macrostyia , rose	hA	2½		.05
"	Calycanthema , Mixed	hP	2½		.05
"	Carpatica , Mixed, blue and white	"	1½		.05
"	Perennial Mixed , all colors	"	var		.05
CANDYTUFT.	See <i>Iberis</i> .				

See Special Offers on third page of cover.



CALLIOPSIS.



CHRYSANTHEMUM. (Paris Daisy.)



CLARKIA.

NAME.	DESCRIPTION.	HARD AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
CANNA. (Indian Shot.)	Highly ornamental plants, remarkable for large and handsome foliage, majestic habit, and brilliant flowers: take up the roots before frost and put in a warm cellar.				
"	Anneii, rich crimson	hhP	3		.10
"	Bonnetti, red and yellow	"	7		.10
"	Crozy's Choice Mixed, brilliant, Gladioli-like flowers	tP	3		.10
"	Depute Hernon, leaves deep green flowers sulphur and orange	hhP	5		.10
"	Indica, red, from India	"	2		.05
"	Nigricans, coppery-red leaves, flower crimson	"	2 1/2		.10
"	Zebrina, fine scarlet, striped foliage	"	5		.10
"	Finest Mixed, all colors	"	var	.50	.05
CARDIOSPERMUM.	See Climbers,				
CATCH-FLY.	See Silene Armeria.				
CASTOR OIL PLANT.	See Ricinus.				
CARNATION.	See Dianthus Caryophyllus.				
CELOSIA. (Cockscomb.)	Magnificent, free-flowering, graceful-growing plants, producing spikes of feathery flowers; our seeds saved from an extra strain.				
"	Japonica, colors brightest imaginable; cut and ruffled like lace	hhA	2		.05
"	Cristata nana, choice mixture of the newest dwarf crested varieties, embracing the most brilliant colors	"	1 1/2	1.00	.10
"	Pyramidalis, choicest mixed, of the plumed or feathered sort	"	3		.05
"	Plumosa, an improved strain with crimson plumes	"	3		.05
CENTAUREA. (Dusty Miller.)	Very showy plants; many of the varieties have beautiful silvery foliage, and are indispensable for ribbon-bordering or carpet-bedding.				
"	Americana, lilac-purple, showy	hA	2		.05
"	Cyanus (Bachelor's Button or Corn Flower), mixed	"	1 1/2		.05
"	Emperor William, large, dark blue flowers	"	1 1/2		.10
"	Moschata (Sweet Sultan), mixed colors	"	1 1/2		.05
"	Suaveoleus, yellow, fragrant	"	1 1/2		.05
"	Gymnocarpa, silvery-gray foliage, drooping habit	hhP	1 1/2	1.50	.10
"	Candidissima, silvery-white, deeply cut foliage	"	1		.15
"	Clementei, deeply cut, snowy-white foliage; beautiful	"	1		.15
CENTRANTHUS.	Very pretty free-flowering, compact-growing plants, producing in clusters, long, tube-shaped flowers.				
"	Mixed, all colors	hA	1 1/2		.05
CERASTIUM.	Very valuable for edgings and rock-work.				
"	Biebersteinii, leaves silvery-white	hP	1/2		.10
CERATOCHLOA.	See Ornamental Grasses,				
CHAMÆPEUCE.	Thistle-like plants, with ornamental foliage; fine for borders.				
"	Cassabonæ (Fish-bone Thistle), dark green foliage, covered with curious hairy spines	"	1 1/2		.05
"	Diacantha, variegated foliage, with yellow flowers	"	1 1/2		.05
CHEIRANTHUS.	(Wall Flower.) Well-known fragrant garden plants, with large spikes of beautiful flowers.				
"	Double German, finest mixed	hhP	1		.15
"	Single, fine mixed, all colors	"	1		.05
CHELONE.	Beautiful plants, with showy Pentstemon-like flowers, very effective in centres of beds or groups in mixed borders.				
"	Barbata, scarlet	"	3		.05
"	Hybrida, mixed, all colors	"	3		.10
CHINESE PINK.	See Dianthus Chinensis.				
CHLORIS.	See Ornamental Grasses,				
CHLOROPSIS.	See Ornamental Grasses,				
CHRYSURUS.	See Ornamental Grasses,				

See Special Offers on third page of cover.

NAME.	DESCRIPTION.	HARD- AND DUR.	H'GT FT.	PRICE PER OZ.	PRICE PER PKT.
CHRYSANTHEMUM.	The annual varieties are among the most showy, effective and desirable of our summer-flowering border-plants; free-blooming and continue in flower till late in the fall.				
"	Tricolor, white, with yellow band; very showy	hA	I		.05
"	Burridgeanum, white, with crimson band; fine	"	I		.05
"	Dunnetti Album, fl. pl., double white	"	I		.05
"	" Aureum, fl. pl., large double yellow flowers	"	I		.05
"	Carinatum Eclipse, pure golden yellow, with a purplish-scarlet ring or centre on the ray florets, the disk being dark brown	"	1 1/2		.10
"	W. E. Gladstone, rich crimson; brilliant	"	1 1/2		.10
"	Lord Beaconsfield, crimson-maroon, edged and striped with a golden rim surrounding a rich brown eye	"	1 1/2		.05
"	The Sultan, rich, velvety dark maroon with a golden rim	"	1 1/2		.05
"	Coronarum, double white	"	2		.05
"	" double yellow	"	2		.05
"	" Sulphureum, fl. pl., double, delicate sulphur-colored flowers	"	2		.15
"	Perennial sorts. See Seeds for Greenhouse.				
"	Frutescens (Marguerite, or Paris Daisy), white, star-like flowers, with a yellow centre	"	1 1/2		.10
"	Inodorum, double white, free flowering; fine for pot culture	"	1		.10
CINERARIA.	Fine for ribbon-beds and edgings: silvery foliage.				
"	Maritima, graceful white foliage	hhP	2		.05
"	Candidissima, large silver foliage, yellow flowers	"	2		.15
"	Hybrida. See Seeds for Greenhouse.				
CIGAR PLANT.	See Seeds for Greenhouse.				
CLARKIA.	An old garden favorite, with cheerful-looking flowers, beautiful for massing.				
"	Elegans Alba, single white	hA	2		.05
"	Purple King, purple, fine, double	"	2		.05
"	Salmon Queen, double, beautiful pink	"	2		.05
"	Mixed, all colors, single and double	"	var	.50	.05
"	Pulchella, mixed, all colors	"	var		.05
CLEMATIS.	See Climbers.				
CLIANTHUS.	See Seeds for Greenhouse.				
CLINTONIA.	Charming little Lobelia-like plants, producing a fine effect as edgings or on rock-work.				
"	Elegans, blue	"	3/4		.05
COBÆA.	See Climbers.				
COCKSCOMB.	See Celosia.				
COIX.	See Ornamental Grasses.				
COLEUS.	See Seeds for Greenhouse.				
COLLINSIA.	Free-flowering, remarkably attractive in beds, mixed borders, or ribbons.				
"	Fine Mixed, all colors	"	I	.50	.05
COLUMBINE.	See Aquilegia.				
COMMELINA.	Tuberous-rooted, free-blooming border plants.				
"	Coelestis, mixed, blue and white	hPt	1 1/2		.05
CONVOLVULUS MINOR.	(Dwarf Morning Glory), remarkably showy plants, with exceedingly handsome, rich-colored flowers, producing in beds or borders, an unusually brilliant effect.				
"	Tricolor, yellow eye, encircled with a band of white, margined with crimson-violet	hA	I		.05
"	" "Rose Queen," rose-colored flowers, centre pure white, margined with crimson-violet	"	I		.05
"	" Splendens, rich violet, with white centre	"	I		.05
"	" Mixed, finest varieties	"	I	.20	.05
"	" Mauritanicus, beautiful for baskets and vases, flowers blue	hP	3/4		.10
CONVOLVULUS MAJOR.	See Climbers.				
COREOPSIS, or CALLIOPSIS.	The colors are rich and striking, flowers numerous and beautiful, producing a fine effect in borders.				
"	Cardaminifolia, compact variety, purple flowers	hA	1 1/2		.05
"	Drummondii, large yellow flowers	"	1 1/2		.05
"	Verticillata, yellow	hP	I		.10
"	Bicolor Mixed, all shades	hA	2	.40	.05
CORN FLOWER.	See Centaurea Cyanus.				
COSMANTHUS.	Small spreading plant, with very pretty fringed flowers.				
"	Fimbriata, lilac and white	"	I		.05
COSMIDIUM.	Large and showy Coreopsis-like flowers, valuable for grouping.				
"	Burridgeanum, velvety, bright orange	"	2		.05
COSMOS HYBRIDUS.	Various colors	"	5		.15
COWSLIP.	See Primula veris.				
CRUCIANELLE.	A very pretty little plant, desirable for borders or rock-work				
"	Stylosa, pink	hP	I		.05
CUCUMIS.	See Climbers.				
CUCURBITA.	See Climbers.				
CUPHEA.	See Seeds for Greenhouse.				
CYCLAMEN.	See Seeds for Greenhouse.				

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DIANTHUS HEDDEWIGII.



DIANTHUS LACINIATUS, fl. pl.



DIANTHUS CHINENSIS.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
CYCLANTHERA.	<i>See Climbers,</i>				
CYPRESS VINE.	<i>See Climbers,</i>				
DAHLIA.	One of the best autumn-flowering plants; blooms until killed by frost; our seed is saved from an extra fine collection.				
"	Double, large-flowering, fine mixed	hhP	5		.15
"	" Dwarf, finest mixed	hhP	3		.15
"	Single, mixed, saved from a superb collection (<i>see Novelties</i>)	hhP†	5		.25
DAISY.	Double. <i>See Bellis.</i>				
"	Swan River. <i>See Brachycome.</i>				
"	Paris. <i>See Chrysanthemum Frutescens.</i>				
"	Michaelmas. <i>See Aster Perennis.</i>				
DATURA.	(Trumpet Flower.) In large clumps, or borders of shrubbery they produce an excellent effect; the roots may be preserved same as Dahlias.				
"	Fastuosa Huberiana, mixed from a collection of fine double flowers, all colors	hhP†	2		.05
"	Wrightii, white-bordered lilac	"	2		.05
DELPHINIUM.	(Larkspur.) Very showy, bearing large spikes of flowers; of great duration.				
"	Hybridum Sulphureum Zalil, fine yellow flowers	hA	1		.15
"	Bismark, a beautiful red-striped variety	"	1		.05
"	Candelabrum, double; mixed, all colors	"	1½		.05
"	Double Dwarf Rocket, fine mixed	"	1	.30	.05
"	Tall Rocket, fine mixed, all colors	"	2½	.30	.05
"	Emperor, profuse bloomer, very double, mixed colors	"	1½		.05
"	Ranunculus Flowered, very double, extra fine	"	1½		.05
"	Tall Branching, fine mixed, double, stock-flowered	"	1½		.05
"	Elatum (Bee Larkspur), blue	hP†	5		.10
"	Formosum, rich dark blue, white centre	"	2½		.05
"	Nudicaule, varying in color from light scarlet to a crimson; very brilliant	"	1½		.15
"	Hybridum, fl. pl., mixed, all colors	"	var		.05
DEVIL-IN-A-BUSH.	<i>See Nigella.</i>				
DEW PLANT.	<i>See Mesembryanthemum Tricolor.</i>				
DIANTHUS.	(Pink.) Magnificent genus which embraces some of the most popular flowers in cultivation.				
"	Chinensis, fl. pl. (China or Indian Pink), double mixed	hA	1	.50	.10
"	Heddewigii, color varies from the richest, velvety crimson to a delicate rose	"	1		.05
"	" fl. pl., double variety of the preceding; very showy	"	1		.10
"	Diadematus, fl. pl., dwarf, compact habit of various tints of rose, maroon and purple	"	1		.10
"	Laciniatus, fringed, finest colors, mixed	"	1		.05
"	" Crimson Belle, rich crimson, good size and substance; beautifully laced	"	1		.10
"	" Eastern Queen, beautifully marbled; attractive	"	1		.10
"	" fl. pl., splendid; double; variety of colors	"	1		.10
"	Imperialis, fl. pl., all colors mixed	"	1		.05
"	" Dwarf, varieties mixed	"	1		.05
"	Caryophyllus (Carnation) fl. pl., finest double, mixed	hhP	2		.50
"	" Fine German, from named flowers	"	1½		.25
"	" Good mixed, for border culture	"	1½		.10
"	" Early Flowering Vienna, extra fine, mixed	"	1½		.25
"	" Perpetual or Tree, saved from choicest double mixed flowers	"	2		.50
"	" Picotee, finest mixed; all colors	"	2		.50
"	Plumarius, fine mixed; various colors	hP	1		.05
"	" fl. pl., double, mixed; all colors	"	1		.10
"	Scoticus (Paisley Pink), ground white, beautifully blotched and edged with shades of purple	hB	1		.25
"	Barbatus (Sweet William), single, mixed	hP	1½	.50	.05
"	" Auricula-eyed, mixed; all colors	"	1½	.75	.05

See Special Offers on third page of cover.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
DICTAMNUS.	Very ornamental plants; sweet-scented; excellent for bees.				
"	Fraxinella, purple, leaves lemon-scented when crushed	hP	2		.05
"	Alba, pure white	"	2		.05
DIGITALIS.	(Foxglove.) Exceedingly showy plants for shrubberies and other half-shady places.				
"	Gloxiniiflora, mixed; all colors; large-flowered	"	4		.05
"	Grandiflora, yellow, extra	"	4		.05
"	Maculata Superba, beautiful spotted flowers; all colors	"	3		.05
"	Purpurea, purple, spotted	"	3		.05
"	" Alba, white	"	3		.05
"	" Rosea, rose	"	3		.05
"	" Mixed, all colors	"	3	.50	.05
DIOTIS.	Excellent for edgings and borders.				
"	Candidissima, white	"		1	.05
DOLICHOS.	See Climbers,				
DUSTY MILLER.	See Centaurea Gymnocarpa.				
DUTCHMAN'S PIPE.	See Climbers,				
ECCREMOCARPUS.	See Seeds for Greenhouse,				
ECHEVERIA.	An elegant succulent, very popular for carpet-bedding.				
"	Mixed, extra; all shades	hhB	½		.25
ELEUSINE.	See Ornamental Grasses,				
ELICHRYSUM.	See Everlastings,				
ERAGROSTIS.	See Ornamental Grasses,				
ERIANTHUS.	See Ornamental Grasses,				
ERYSIMUM.	Showy, free-flowering, very effective in beds; sweet-scented, excellent for cutting.				
"	Arkansanum, sulphur-yellow; handsome	hA	1½		.05
ESCHSCHOLTZIA.	(California Poppy.) An exceedingly showy, free flowering tribe of plants, attractive for bedding, massing, or ribboning.				
"	Californica, bright yellow, rich orange centre	"	1		.05
"	" Rose Cardinal, producing large flowers, of intense carmine	"	1		.05
"	" Crocea, rich orange	"	1		.05
"	" fl. pl., Alba, double white	"	1		.05
"	" Mandarin, the inner side of the petals is of a rich orange color, the outer side being a brilliant scarlet	"	1		.10
"	Tenifolia (fern-leaved), bright yellow, leaves finely cut	"	1		.05
"	Mixed, all colors	"	1	.40	.05
EUCALYPTUS.	(Fever and Ague.) Very ornamental; has been extensively planted for the reputation it has of absorbing malaria.				
"	Globulus (above is description)		20		.10
EULALIE.	See Ornamental Grasses,				
EUPHORBIA.	(Snow on the Mountain.) A fine border plant, with foliage veined and margined with white				
"	Variegata, white	"	2	.50	.05
EUTOCA.	Free blooming, suitable for beds or mixed borders; extra as cut flowers.				
"	Multiflora, pink; a profuse bloomer	"	1½		.05
"	Viscida, bright blue	"	1		.05
FALSE INDIGO.	See Baptisia.				
FEATHER GRASS.	See Ornamental Grasses,				
FENZLIA.	A profuse flowering plant, excellent for pot culture or beds; requires considerable moisture.				
"	Dianthifolia, rosy lilac, dark purple throat	"	¼		.15
"	Alba, pure white	"	¼		.10
FESTUCA.	See Ornamental Grasses,				
FEVER AND AGUE.	See Eucalyptus.				
FEVERFEW.	See Pyrethrum.				
FEVERFEW, DOUBLE.	See Matricaria.				
FLAX.	See Linum.				
FLOWERING SAGE.	See Salvia.				
FOUNTAIN PLANT.	See Amaranthus Salicifolius.				
FOUR O'CLOCK.	See Mirabilis.				
FOXGLOVE.	See Digitalis.				
FUCHSIA.	See Seeds for Greenhouse,				
GAILLARDIA.	(Blanket Flower.) Remarkable for the profusion, size, and beauty of flower; splendid bedding plants.				
"	Picta, red and yellow, handsome	hhA	1½		.05
"	Lorenziana (so-called double), the colors (offered in mixture) are sulphur and golden-yellow, orange, amaranth and claret	"	1½		.10
GENTIANA.	Fine, showy plants, should be in every collection.				
"	Acaulis, rich blue, vase formed	hP	½		.10
"	Cruciata, azure blue	"	½		.10
GERANIUM.	See Seeds for Greenhouse,				
GEUM.	Handsome and showy plant, for borders.				
"	Coccineum, fl. pl., double scarlet, fine for cutting	"	1½		.10

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GODETIA.



MINIATURE SUNFLOWER.



HELIOTROPE.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
GILIA.	Very pretty dwarf plants, bloom in almost any situation, grow well in pots, and may be placed in a rockery.				
"	Tricolor, white, lilac, and purple	hA	1		.05
"	Mixed, all colors	"	var	.40	.05
GLAUCIUM.	(Horn Poppies.) Effective for borders, and among the prettiest of our white foliated plants; their elegantly indented, glaucous green leaves make them attractive at all seasons.				
"	Mixed	hhA	2		.10
GLOBE AMARANTH.	(<i>Gomphrena</i> .) See Everlastings,				
GLOXINIA.	See Seeds for Greenhouse,				
GODETIA.	A very desirable, free-flowering genus, attractive in beds, mixed borders, and ribbons.				
"	Duchess of Albany, large, handsome, satiny-white flowers	hA	1 1/2		.10
"	Lady Albemarle, carmine-crimson, compact habit	"	1		.05
"	The Bride, white, with a rich carmine centre	"	1		.05
"	Mixed, all colors and shades mixed	"	1 1/2		.05
GOLD DUST.	See <i>Alyssum Saxatile</i> .				
GOLDEN FEATHER.	See <i>Pyrethrum Aureum</i> .				
GRAMMANTHES.	Beautiful miniature plants for rock-work or rustic baskets, yielding a profusion of star-shaped flowers.				
"	Gentianoides, rich orange scarlet	hhA	1/4		.10
GYNERIUM.	See Ornamental Grasses,				
GYPSOPHILA.	A pretty, free-flowering little plant, best adapted for rustic baskets, rock-work, and edgings; indispensable for bee keepers.				
"	Elegans, white and pink, fine for table bouquets	hA	1 1/2		.05
"	Muralis, with red flowers, which contrast beautifully with its graceful foliage	"	1/4		.05
"	Paniculata (Baby's Breath), pure white, fine	hP	1		.05
HARE'S TAIL.	See Ornamental Grasses,				
HEARTSEASE.	See <i>Viola Tricolor Maxima</i> .				
HEDYSARUM.	A beautiful border plant.				
"	Coronarium, red	"	3		.05
"	Alba, pure white	"	3		.05
HELIANTHUS.	(Sunflower.) A well-known genus of the most showy plants, remarkable for their stately growth, and the brilliancy and size of flowers.				
"	Giant Russian, single, large flower	hA	5		.05
"	Agrophyllus, yellow, double, leaves silky-white	"	5		.05
"	Californicus, orange, extra large and double	"	5		.05
"	Globulus Fistulosus, fl. pl., saffron, very double	"	4		.05
"	Multiflora, free-flowering, yellow	"	4		.05
"	Nanus Folius Variegatis, dwarf, with variegated foliage	"	3		.05
"	Oscar Wilde, a small, black-centered variety	"	3		.05
"	Fine Mixed, from above varieties	"	var		.05
HELICHRYSUM.	See Everlastings,				
HELIOTROPE.	See Seeds for Greenhouse,				
HELIPTERUM.	See Everlastings,				
HESPERIS.	(Sweet Rocket.) Profuse-blooming plants, with deliciously fragrant flowers; unlike most plants, they do better if transplanted every second season.				
"	Mixed	hP	1 1/2		.05
HIBISCUS.	(African Rose.) One of the most ornamental, beautiful, and showy plants cultivated, characterized by the size and beautiful color of its flowers.				
"	Africanus, cream color, rich brown centre	hA	1 1/2	.50	.05

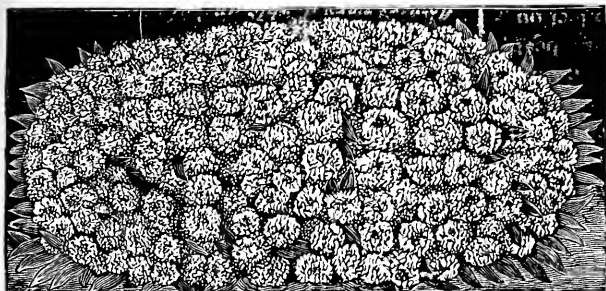
See Special Offers on third page of cover.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
HOLLYHOCK. (<i>Althaa Rosea</i> .)	This splendid plant, from its stately growth and the varied colors of its magnificent spikes of flowers, may justly demand a place in every garden.				
"	Choice Double Mixed, saved from Chater's prize varieties	hP	4	5.00	.25
"	Fine Double Mixed	"	4	1.00	.10
"	Fine Single Mixed	"	4	1.00	.10
HONESTY.	See <i>Lunaria</i> .				
HORN POPPIES.	See <i>Glacium</i> .				
HORDEUM.	See <i>Ornamental Grasses</i> ,				
HUMEA.	See <i>Seeds for Greenhouse</i> ,				
HYACINTH BEAN.	See <i>Climbers</i> ,				
IBERIS. (Candytuft.)	Very effective in beds, groups, ribbons, etc., and useful for pot culture for conservatory decoration during winter; indispensable for bouquets.				
"	Carter's New Carmine, distinct and beautiful, presenting one mass of vivid carmine bloom	hA	I		.10
"	Dunnettii, dark rich crimson, splendid strain	"	I	.30	.05
"	Fragrant, pure white	"	I	.30	.05
"	Hybrid Dwarf, very floriferous, choice colors, mixed	"	I		.10
"	Purple	"	I		.05
"	Rocket, white, large trusses	"	I	.30	.05
"	Fine mixed	"	I	.30	.05
"	Pruiti, very dwarf, pure white	hP	3/4		.05
"	Sempervirens, white	"	I		.05
ICE PLANT.	See <i>Mesembryanthemum Crystallinum</i> .				
IMPATIENS. (Balsam.)	Magnificent conservatory or out-door plants, producing beautiful, brilliant-colored flowers in the greatest profusion; should receive frequent waterings of manure water.				
"	Double White	hhA	2	1.50	.05
"	Double Red	"	2	1.50	.05
	(The above two varieties are unsurpassed for florists' use.)				
"	Camellia-flowered, mixed	"	2	1.00	.05
"	Dwarf Double, mixed colors	"	1 1/4		.05
"	Rose-flowered, mixed colors	"	2		.05
"	Double Solferino, very beautifully striped and streaked with lilac and scarlet	"	2		.10
"	Fine mixed	"	2	.50	.05
"	Double Victoria, white, scarlet spotted	"	1 1/2		.20
"	Atrosanguinea Plenissima, splendid, deep blood red	"	2		.10
"	New Carnation Striped, white, spotted and striped	"	2		.10
"	Sultani (<i>Perennial Balsam</i>), rosy scarlet	hP	I		.15
INDIAN SHOT.	See <i>Canna</i> .				
INDIAN PINK.	See <i>Dianthus Chinensis</i> .				
IPOMÆA.	See <i>Climbers</i> ,				
ISOLEPIS.	See <i>Ornamental Grasses</i> ,				
JACOB'S LADDER.	See <i>Polemonium</i> .				
JOB'S TEARS.	See <i>Ornamental Grasses</i> ,				
KAULFUSSIA.	Pretty, free-flowering plants of compact growth, exceedingly effective in beds or mixed borders.				
"	Amelloides, mixed, blue, crimson, etc.	hA	1/2	.75	.05
KENILWORTH IVY.	See <i>Linaria</i> .				
LAGURUS.	See <i>Ornamental Grasses</i> ,				
LANTANA.	See <i>Seeds for Greenhouse</i> ,				
LARKSPUR.	See <i>Delphinium</i> .				
LATHYRUS.	See <i>Climbers</i> ,				
LAVENDULA. (Lavender.)	Well-known, sweet-scented flower, fine for mixed borders.				
"	Spica, blue	hP	2	.25	.05
LAVATERA.	Tall, showy plants, with Hollyhock-shaped flowers, very effective when used as a background to other plants.				
"	Trimestris, red	hA	3		.05
"	Alba, pure white	"	3		.05
LEPTOSIPHON.	Of rare beauty both in flower and foliage, exceedingly attractive in beds or ribbons. The colors are blue, white, lilac, purple, and orange.				
"	Hybridus, all colors, mixed	"	var.		.05
LIMNANTHUS.	Easily grown, free-flowering, slightly fragrant plants, excellent for beds or edgings in damp, shady places; splendid plant for bees.				
"	Mixed colors	"	1/2		.05
LINARIA. (Kenilworth Ivy.)	Admirably adapted for culture in baskets, pots, or vases, and for rock-work it is unsurpassed.				
"	Cymbalaria, lilac	hP	1/4		.05
LINUM. (Flax.)	One of the most effective and showy bedding plants we have; habit of growth is slender and delicate, like all the Flax family.				
"	Grandiflorum Rubrum, rich scarlet crimson, with darker centre	hA	I	.50	.05
"	Luteum, straw-color	"	1 1/2		.05
LOASA.	See <i>Climbers</i> ,				
LOBELIA.	Profuse-blooming plants; the low-growing kinds make the most beautiful edgings. All the varieties of <i>L. erinus</i> are valuable for hanging baskets, rustic work, or vases.				
"	Erinus, deep blue	hhA	1/2		.05

See Special Offers on third page of cover.

NOVELTIES AND SPECIALTIES.

IN FLOWER SEEDS, BULBS AND PLANTS FOR 1895.



Alyssum. Little Gem.

ALYSSUM, LITTLE GEM. This is a distinct and very beautiful variety of Sweet Alyssum. Each plant, when fully grown, will cover a circle twenty inches in diameter. The plant attains a height of about six inches. The flowers are pure white, very fragrant and show to perfection when planted out with any of the dwarf blue Lobelias. Pkt., 10 cents.

ASTERS. These beautiful and easily-cultivated flowers have been specialties with us for a number of years. Our collection embraces all desirable varieties having been raised especially for us by the leading

eties, and is unsurpassed by any. The seed offered by growers of the respective sorts in Germany, France, England and the United States. Please see pages 63 and 64.

LADY IN WHITE. Two features distinguish this new aster from all others, namely, its unapproached freedom of flowering, and its long, narrow leaves of a peculiar light-green color. In their free-branching habit, the plants somewhat resemble the *Mignon Aster*, being exceedingly graceful, the flowers are elegantly borne on long, slender stalks and are semi-globular in form. Well-grown plants produce from forty to seventy buds, which open gradually and prolong the blooming period into the late autumn. Pkt., 25 cents.

COMET. All the colors of this form have been most favorably received. The flowers are large and double, somewhat resembling the Japanese Chrysanthemums. We can supply the following separate colors, or all mixed. Pink, bordered white, Carmine, Light Blue, White, shaded rose, Pure White, Improved White Giant. Either color, or all mixed. Pkt., 10 cents.

ASTER. Triumph, Deep Scarlet and White. A new and handsome variety of the peony-flowered race. The flowers are regularly striped and produced in great abundance. Pkt., 10 cents.

Boston Florists', White. We can thoroughly recommend this variety to all who wish a first-class Aster either for bedding or cutting. It is grown extensively by the florists of Boston, with whom it is a great favorite on account of its color, size, and earliness. Pkt., 10 cents; ounce, \$3.50.

Harlequin. A variety with very oddly spotted and striped double flowers of various colors. They are dwarf in habit and very novel. Pkt., 10 cents.

Snowball. This is the first of an entirely new class which, from the build of its flowers, is as beautiful as it is distinct. A single plant develops as many as thirty pure white flowers, which by reason of their refined and faultless form, may be utilized with the greatest advantage, as they remain a longer time in good condition than any other Aster. The Snowball will be found an excellent variety for pot culture. Pkt., 10 cents.

Breck's "International Prize." Mixed. A choice mixture prepared by ourselves from the finest strains of the best French, German, and American growers. This collection embraces all the choicest varieties, and is especially suited for those of our customers who grow in limited quantity and wish a selection of the many kinds and colors. Pkt., 15 cents; ounce, \$3.25.

See Special Offers on third page of cover.



Lady in White.

*Your Asters are the best I ever grew;
flowers very double and of every shade.*

P. McG.,

Belmont.



Mignon. The Mignon Aster is now a well-established popular favorite, and in habit resembles the Victoria section. The plants are semi-dwarf and bear, when full-grown, 40 to 50 flowers, which have deeply imbricated florets, are of a beautiful shape, and unsurpassed for cutting purposes. Until this season, it has been offered in three colors only, — white, rose, crimson. We have now five additional shades. The two first-named varieties in particular, are of incomparable delicacy and beauty. Flowers of three distinct shades of color are borne at the same time by one plant, the flowers on first appearing being pure white, those half-developed changing to white or rose, and finally the full-blown flowers are of a beautiful pure lilac or rose tint. The other three offered are also extremely attractive. White, changing to lilac, white changing to rose, peach blossom, rosy-lilac, lilac-red, all colors mixed. Pkt., 10 cents; ounce, \$4.00.

Dwarf Victoria the most beautiful of the dwarf class; flowers large and freely produced. Bright Crimson, pkt., 10 cents. Pure White, pkt., 10 cents. Dark Scarlet, pkt., 10 cents. All colors mixed, pkt., 10 cents; ounce, \$4.00.

JEWEL or BALL. Four very handsome colors of a new and magnificent class of Asters, with perfectly round flowers, which may be compared to the finest varieties of the incurved class of Chrysanthemums. The plants attain a height of about 20 to 24 inches; the fully developed flowers measuring $2\frac{1}{2}$ to 3 inches across, they will prove very useful for cutting

and bunching. Apple-blossom, deep-rose, purple-violet, dark blue; each color, per pkt., 10 cents; the four colors mixed, per pkt., 10 cents.

ANTIRRHINUM. Queen of the North. The plants of this fine novelty grow to a uniform height of one foot, of elegant habit, and are densely covered with large, white flowers. It is, without exception, the finest and most beautiful snapdragon ever seen. Each plant has a spread of from twelve to eighteen inches; it is a gem for the herbaceous border and most useful for cutting. Pkt., 15 cents.

ANTIRRHINUM. Majus Nanum. Niobe. Plants of this variety attain a height of one foot. The flowers are extra large in size, and are of a dark, purplish-red with a pure white throat. Pkt., 15 cents.

ANTIRRHINUM. Royal Standard. This was introduced last year and is already a favorite. The flowers are deep scarlet with white divisions, grows readily from seed. Pkt., 10 cents.

ASPARAGUS PLUMOSUS NANUS. We offer new English saved seed of this most beautiful introduction, which is one of the best plants ever sent out, both for its elegant foliage and also for its durability. For bouquets the cut sprays have the advantage of much greater persistency than any fern, retaining their freshness in water from three to four weeks. Pkt., 50 cents.

I have been a satisfied customer of yours for 55 years.

J. E. S.,
Malden.



Asparagus Plumosus Nanus.

ARISTOLOCHIA ELEGANS. Generally this family has large leaves and small flowers, but the condition is reversed in this specie; the flowers are large and richly marked, the colors being dark purple, with white and golden yellow. The seed should be started in heat. Pkt., 15 cents.

AGERATUM. Tom Thumb. Large-flowering Rose. This beautiful variety forms bushy compact plants about twelve inches high, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. Like all Ageratums, this blooms continuously, and for beds, in the flower garden, either for edgings, ribbon-planting, or for masses, it is very effective until frost, and is equally as desirable for pot culture or as a basket or vase plant. Pkt., 10 cents.

AGERATUM. Nanum Luteum. Similar to above in all respects except color, which is a novel one for Ageratum — namely, light yellow. It comes true from seed and is recommended. Pkt., 10 cents.

ARNEBIA CORNUTA. The curious and exceedingly beautiful flowers of this plant are about the size of a quarter dollar, of an agreeable, rich yellow, and marked with five large black spots; the latter turn the second day to deep maroon, the third day this color vanishes and becomes clear, pure yellow. From a hundred to a hundred and fifty spikes of flowers may often be seen on one plant. Seeds should be sown in March in heat, and the plants set out in May. Pkt., 20 cents.



Arnebia Cornuta.

See Special Offers on third page of cover.

ANEMONE. Japonica Alba (Honorine Jobert). One of the most beautiful autumn-flowering, hardy perennials, with pure white flowers, excellent for grouping, and very fine as single specimens in the border. Seed should be started in March in light, rich soil, and transplanted as soon as the ground is open. Pkt., 10 cents.

ANEMONE, Japonica Rosea. Very fine pink flowers. Pkt., 10 cents. Plants of either variety, 20 cents each; \$2.00 per dozen.



Begonia Odorata Pionier.

BEGONIA ODORATA PIONIER. The habit of the plant shows it to be a combination of the good qualities of *Begonia Baumannii* and *Begonia Gigantea*. Grown in the open ground, the plants form nice round bushes about four inches in height, surmounted about eight inches by the straight, upright standing flower-stems. The thick, waxy leaves are dark green and round shaped. Pot-grown plants under glass become a little higher. The color of the flowers is a very rich rose-carmine, the blooms measure three to four inches in diameter, and exhale the finest perfume, closely resembling that of tea-roses. The flowers of open-air plants excel those of greenhouse plants by more brilliancy of color. Pkt., 50 cents.

BEGONIA ODORATA SALADIN. The growth, foliage, flowerstalks and the delicious perfume of the flowers are equal to that of *Begonia Odorata Pionier*. The flowers of the same size are rich crimson. The upper part of the leaves is dark green with a reddish reflex, the back being reddish-bronze color. Pkt., 50 cents.

BEGONIA SEMPERFLORENS ROSEA. *The true ever-blooming species.* Blooms to perfection every day in the year. If you like Begonias, and desire the best one for fine cut flowers, or the best bedding, basket, pot, or market variety, you will secure plants of *Begonia semperflorens rosea*. It is the quickest growing and most abundant blooming of them all. Pkt., 15 cents. Plants, true to name. Each, 35 cents.

BEGONIA VERNON. This variety seems to have been accepted as the most useful of Begonias that have been introduced for some time. In habit and freedom of bloom it resembles the well-known *B. semperflorens rosea*, but the flowers are a rich orange carmine, and the foliage a glossy red. The stamens are yellow, which gives an especially brilliant effect to the staminate flowers. Spring-sown seed will produce blooming plants early in the summer; the flowers will continue to be borne in profusion until killed by frost. Valuable alike for bedding and pot culture. Pkt., 20 cents.

BEGONIA. Tuberous-Rooted, New Striped. The raiser of this new class of Begonia describes them as containing nearly all the colors of the older varieties, the flowers being distinctly striped or marked like a carnation, with a great variety of pleasing shades of white, yellow and red. An interesting and valuable novelty. Pkt., 15 cents.

BEGONIA. Single, Tuberous-Rooted "International Prize." This strain is of unsurpassed quality, being the result of cross-fertilization of only those hybrids of recent introduction which for sturdiness, brilliancy of color, together with form and size, have proved far superior to those of older date. Pkt., 25 cents and 50 cents.

BEGONIA. Rex, ornamental-leaved varieties, a splendid mixture saved from an extensive German collection. Pkt., 25 cents.

*The Dahlia seed and
Tubers which I bought of
you have been a great success.*

C. E. P.,

Melrose.



Clarkia Elegans Nana Rosea.

CINERARIA GRANDIFLORA. "Columbia." A new American strain that surpasses any yet introduced from Europe, in size of flowers, variety of colors, and habit of growth. We hope all who grow Cinerarias will try a packet of the *Columbia*, in order to contrast its value with other much lauded selections. Pkt., 25 cents.

CINERARIA. James and Wetherell's superb strain. The plants are sturdy and compact in growth, and the flowers of the finest shape and substance; they embrace the richest and brightest colored selfs, also the most varied, showy, and attractive varieties, with clearly defined, and elegant margins and rings of various shades. Pkt., 25 cents.

CINERARIA. Convent Garden Strain. Pkt., 25 cents.

CARNATION. Double Perpetual. This new sort is highly recommended. The plants grow about 18 inches high, are densely branched and carry their blooms well. The flower stems are straight, strong and well covered with handsome, very double flowers in every variety of color. Florists will find this a valuable acquisition as it begins to bloom in about seven months from time of sowing and continues to flower in the greatest profusion indefinitely. The seed we offer is from the originator's stock and likely to give 80 to 90 per cent. of double flowers. It may be sown either spring or fall. Pkt., 50 cents.

Carnation. Marguerite. These bloom in about four months after being sown, and produce about 80 per cent. double flowers.

Snowflake, pure white. Pkt., 25 cents.

Shades of white. Pkt., 15 cents.

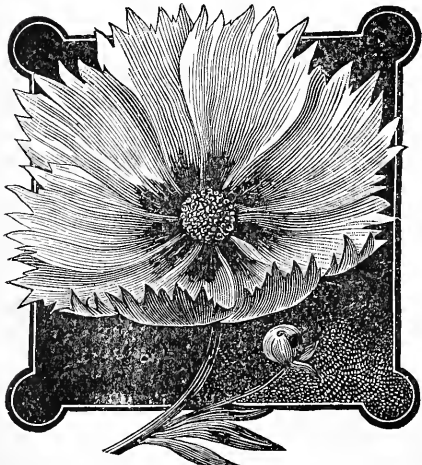
Shades of rose and pink. Pkt., 15 cents.

Shades of scarlet. Pkt., 15 cents.

Striped and variously marked. Pkt., 15 cents.

Tom Thumb, new Dwarf, mixed colors. Pkt., 20 cents.

Tall Mixed. Pkt., 10 cents.



Calliopsis, Golden Wave.

CLARKIA ELEGANS NANA ROSEA. New dwarf compact growing variety of this free-flowering hardy annual. The bushy plants, attaining only ten to twelve inches in height, produce their large, pink flowers on short upright branches and form thus intermixed with the dark green foliage a pretty sight. Recommended for groups or for ribboning. Pkt., 15 cents.

CAMPANULA PERSICIFOLIA BACKHOUSII. The flowers of this splendid and thoroughly hardy perennial are of the purest white and almost twice the size of the type *C. persicifolia*, which is recognized as one of our best perennials for groups, being noted for its free and long-lasting bloom.

The plants grow about 3 feet high and throw up 6 to 8 strong flower-stalks, each covered with 15 to 20 magnificent blossoms. They are quite as valuable for cut flowers as for the border. Pkt., 25 cents.

CENTAUREA CYANUS NANA COMPACTA. New varieties of the popular and charming miniature blue corn flower will be welcomed everywhere. They are exactly similar in habit and height but the colors are *white, lilac, rose, light-blue and brown-red tints*. These corn flowers are easily grown, bloom early, and bear transplanting well. Pkt., 15 cents.



Carnation. Marguerite.

CANDYTUFT. Iberis. Breck's Improved White Spiral, a very choice strain, valuable for its earliness, substance, and duration of bloom. The pure white flowers, usually 5 to 6 inches in length and 2 inches in diameter, are borne on strong spikes that make them suitable for florist's work. Pkt., 10 cents.

CANDYTUFT. Zirngibel's Giant Spiral, an improved form of Rocket Candytuft, with large spikes of pure white flowers. Pkt., 10 cents.

CALCEOLARIA. Thompson's "Dalkeith Park" Strain. The flowers are rich and beautifully spotted and marbled, and of remarkably fine form and substance; habit dwarf and compact. Pkt., 25 and 50 cents.

COBÆA, Scandens Alba, (White Cobæa), the new, white-flowering variety of this charming, well-known climbing vine. Pkt., 10 cents.

CALLIOPSIS. Golden Wave. For a mass of bright, golden color, this is one of the most effective of hardy annuals. Plants grow about two feet in height, bushy and compact, and are covered from July to October, with hundreds of beautiful golden blossoms. Pkt., 10 cents.

Seeds received all right,
many thanks for "extras."

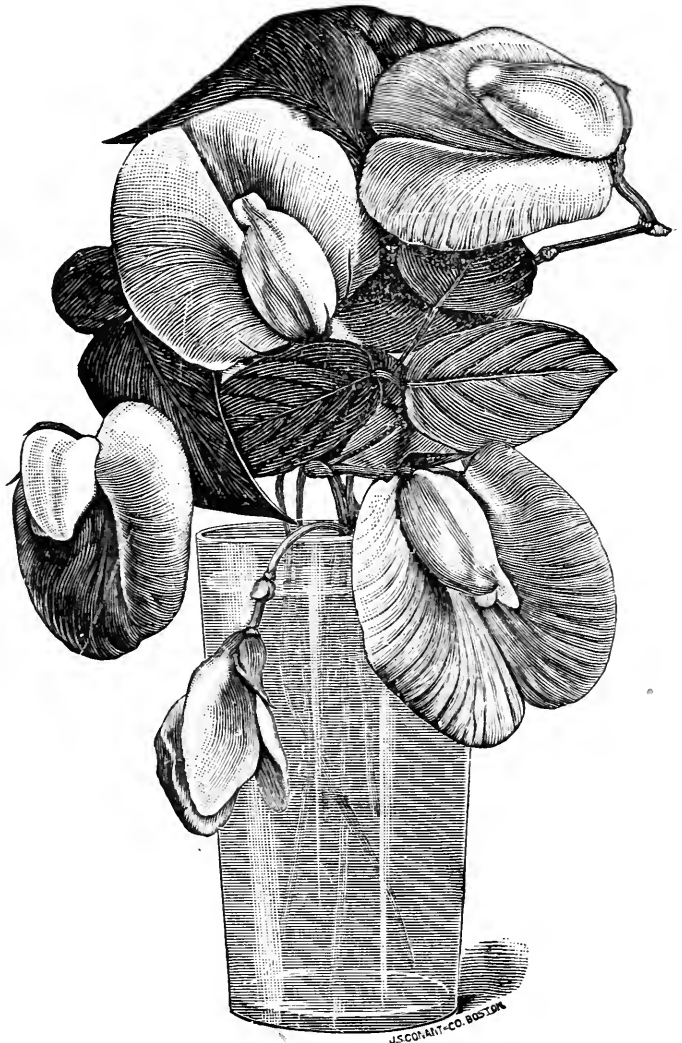
W. A.,
Peterboro, N. H.

CENTROSEMA Grandiflora (*Butterfly Pea*.)

An ornamental, hardy perennial climber. The flowers are inversely pea-shaped, and are quite large, many of them being two and a half inches in diameter. In color they run through all the shades from rosy violet to reddish purple. Through the centre of each flower runs a broad, feathered band of white, and the large buds and outside surface of the flowers being also white, at a little distance one plant appears to bear blossoms of several different colors at one time. Another pleasing feature of this plant is the fact of the foliage being not only very graceful, but delightfully fragrant. Pkt., 10 cents.

*I have grown Sweet Peas
from many sources; Breck's
give best satisfaction.*

E. W. RADDIN,
Cambridge.



Centrosema Grandiflora.

CYCLAMEN, Breck's Perfection, Mixed, consists of the finest and most beautiful new sorts; unsurpassed for richness and variety of color, and certain to give unqualified satisfaction. Pkt., 50 cents. For a complete list of Cyclamens, see page 82.

CENTAUREA. Cyanus Minor, Double-Flowered. The flowers in form may be compared to *Gaillardia Lorenziana*: they form masses of bloom of great beauty, 60 to 70 per cent. double flowers produced from seed. Pkt., 10 cents.

CENTAUREA ODORATA CHAMAELO.

This plant is a splendid companion of our lovely Centaurea Marguerite producing quite as large flowers which in opening are of a pale, sulphur yellow changing afterwards gradually into yellowish white with purple hues and turning into pink before fading. This is a really extraordinary and unique kind. Requires pot culture, is to be kept dry, sunny and airy. Pkt., 15 cents.



Cobæa Macrostemma.

COBÆA MACROSTEMMA. This new and magnificent Cobæa, a native of the mountains of San Salvador, is much finer than the old Cobæa scandens. Its foliage is of a bright green and the plant grows very rapidly. Its flowers, although not very remarkable, produce, however, a more striking effect, on account of the length of their stamens. Pkt., 15 cents.

CALIFORNIA GOLDEN BELL. *Emmanthe Pendulifera*. A decided and meritorious novelty from California. It is an annual, forming bushy plants, nine to twelve inches high, each branch is loaded with broadly bell-shaped pendulous unwithering flowers, about one-half inch long, of creamy yellow color. The general effect of a branch is very suggestive of a long spike of Lily of the Valley, with large, yellow bells, the foliage, however, is pinnatifid. Pkt., 5 cents.

CHRYSANTHEMUM. Chinese and Japanese. If the seed be sown in heat early in the spring, transplanted several times and properly treated, strong plants may be had full of flowers in the autumn. The seed we offer embraces the choicest varieties in cultivation, including Incurved, Pompon, Japanese and Chinese varieties. Pkt., 25 cents.

See Special Offers on third page of cover.

COSMOS. Sulphurea. New yellow Cosmos, perfectly distinct in character and color. Its height is from two to three feet, and the plant is of branching habit, being furnished from the bottom up with finely-cut, glossy-green foliage. The flowers are clear yellow in color, each being about the size of a half dollar piece. Pkt., 25 cents.

DIANTHUS LACINIATUS SALMON QUEEN. (*Annual Pink*). This is a beautiful acquisition. The flowers are a shade entirely new to the class, being the most brilliant salmon color imaginable, changing into a salmon rose when fading; they are nicely fringed and of fine form. The plants grow about one foot high. Pkt., 25 cents.

DATURA CORNUCOPIA. The plant is of a very robust habit. The stem is thick, dark brown-purple, shining as if varnished. The branches are very numerous, spreading symmetrically three or four feet in every direction. The leaves are large, of a dark green color. The flowers are trumpet-shaped, measuring eight to ten inches in length, and five to seven inches across the mouth, and form three distinct flowers, growing each within the other, the throat and mouth of corolla a most delicate French white, beautifully contrasted and marbled with royal purple on the outside. Pkt., 10 cents.

DAHLIAS. The Dahlia is a great favorite with all amateurs on account of its easy cultivation and brilliancy and profusion of flowers. Because of its vigorous growth it has, hitherto, not been considered as adapted for bedding purposes. This trouble is now overcome by the new strain of *Dwarf Bedders*. These striking novelties are only about twelve inches

in height, and they only need to be seen to be appreciated. Pkt., 15 cents.

DAHLIA. Breck's Premier Single, finest mixed. Pkt., 10 cents.



Dahlia, Dwarf Bedder.

The seeds arrived and in fine order. Imagine my surprise on finding those "extras;" they were just what I wanted.

A. D. G.,
Rochester, N. H.



Eschscholtzia Maritima.

DAHLIA. Double Large Flowering, choice strain, saved from the best show and fancy varieties; mixed colors. Pkt., 10 cents.

DAHLIA. Double Dwarf Bedder, small flowering variety of dwarf habit, splendid for bedding; very free flowering. Pkt., 10 cents.

ESCHSCHOLTZIA MARITIMA. This Californian Poppy distinguishes itself essentially from the well-known *E. California* by its whitish-gray foliage and the lighter-colored flowers. Pkt., 10 cents.

ESCHSCHOLTZIA. GIANT CALIFORNIAN. The flowers are enormous, measuring four to five inches across. Pkt., 10 cents; ounce, 40 cents.

GLOXINIA. HETHERSET HYBRID. The flowers measure three to four inches in diameter, and are erect with large open throats, displaying their gorgeous colors to the greatest perfection. The colors are of every conceivable shade of white, pink, clear rose, lilac, scarlet, crimson, maroon, purple, to the richest purplish black, nearly all profusely spotted in the throat, and some having the limb heavily marked with color without spots. We recommend this as the best strain on the market. Pkt., 50 cents.

HOLLYHOCKS. Silver Medal Strain. This strain of Hollyhocks is the admiration and wonder of all who have seen it. No other collection at all approaches this in length of spikes, profusion and texture of flowers and foliage. They should be planted out not less than 3 feet apart. About the first of December, the plants should be protected by laying on the crown of the plants a branch or two sufficient to keep the barnyard litter or leaves from pressing too heavily,

and causing the crown of the plant to decay; six or eight inches of leaves or litter is sufficient, care being used not to put too much on the crown, putting most around the plant. During May and June, they may receive abundance of water, as the stalks and foliage absorb a great deal of moisture.

We offer twelve distinct colors—Pure white, blush white, carmine, black maroon, apple blossom, crimson, rose, yellow, with dark ground, canary yellow, lemon yellow, violet purple, variegated.

Either of the colors, per packet, 15 cts.; per ounce, \$2.50. All colors mixed, per packet, 15 cts.; per ounce, \$2.25. Collections of 12 colors, apart, \$1.50.

PLANTS. Separate colors, 30 cts. each; \$3.00 per dozen; \$20.00 per 100; in mixture, 25 cts. each; \$2.50 per dozen; \$18.00 per 100.



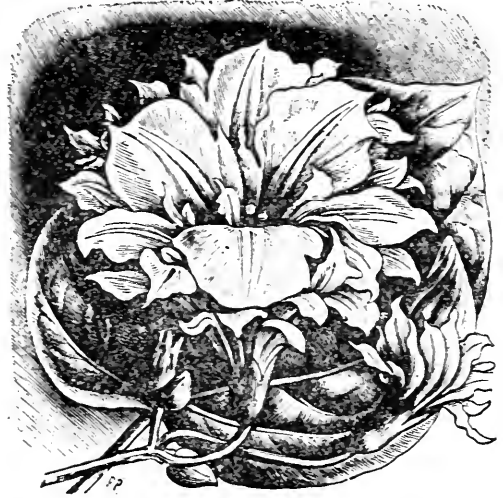
See Special Offers on third page of cover.

HUMULUS JAPONICUS VARIEGATUS. Variegated Hop. In this variety the leaves are beautifully and distinctly marked with silvery white, yellowish green, and dark green, irregularly striped as well as blotched and marbled. Pkt., 10 cents.

HUMULUS. Japonicus. (Japan Hop.) A rapid growing, climbing hop, useful for covering up stone walls, fences, or trellises. Pkt., 10 cents.

HEUCHERA SANGUINEA. One of the handsomest hardy perennials of recent introduction. The flowers are of a rich crimson color, the leaves light green and slightly hairy. The graceful flower-spikes furnish a splendid material for bouquets. Pkt., 10 cts.

IPOMŒA PURPUREA fl. pl. (*Double Convolvulus Major*) This is a new form of the very popular climber. It is of rapid growth, and produces its double flowers very freely. The color is white, with a spot of red or blue at the base of the larger petals. Pkt., 15 cts.



Ipomoea Purpurea fl. pl.



Leucanthemum Nipponicum.

LOBELIA, BARNARD'S PERPETUAL. This splendid novelty is, without doubt, the finest Lobelia yet raised. The flowers are of the most brilliant ultramarine blue, strikingly ornamented with a pure-white marking at the base of each of the two lower petals. It is of compact habit, and alike useful for bedding or growing in pots. Pkt., 15 cts.

LEUCANTHEMUM NIPPONICUM. Our cut gives a good idea of the general appearance of this plant. It is lovely all the year round, being a dwarf evergreen shrub, but it is especially attractive in August, when covered with large, dazzling white flowers. It is very suitable for pot culture. Pkt., 25 cts.

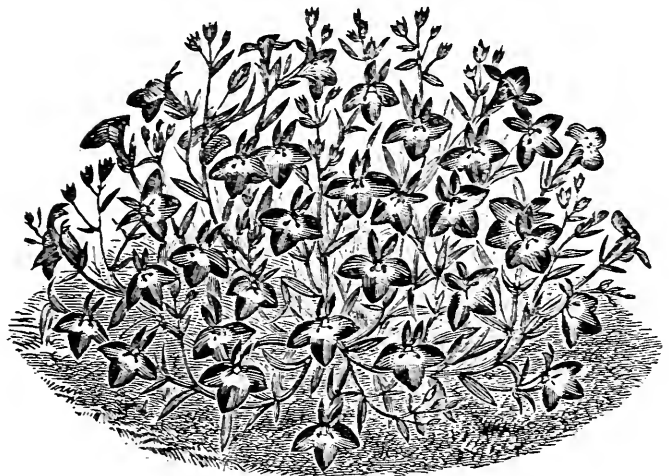


Marigold. Purple and Gold.

LINARIA CYMBALARIA fl. alba. A very pretty new variety of the trailing Kenilworth Ivy. It differs from the original species in that the foliage is larger, more glossy green in color and the flowers are pure white. It is of vigorous growth and valuable for covering rock work, walls or for hanging baskets; it thrives equally well in the shade as in the full sun. Pkt., 15c.

LOBELIA DORTMANNI. A new and valuable variety from Italy. The originator says "It is the best novelty of the year. From April to Autumn, it produces a great number of blue and white flowers with a yellow eye. It is really lovely." Pkt., 15 cents.

The Sweet Peas, Asters, Pansies, Phlox and Nasturtiums were beyond my expectations, and were greatly admired,
E. W.,
Batavia, N. Y.



Lobelia Dortmanni.

MARIGOLD, Dwarf French "Purple and Gold." This charming new Marigold grows quite regularly and only about twelve inches high and produces uninterruptedly from July until frost sets in a great profusion of single flowers about $1\frac{3}{4}$ inches across, of a lovely golden yellow, with a purple, velvety spot on each of the six or eight petals. Pkt., 10 cts.

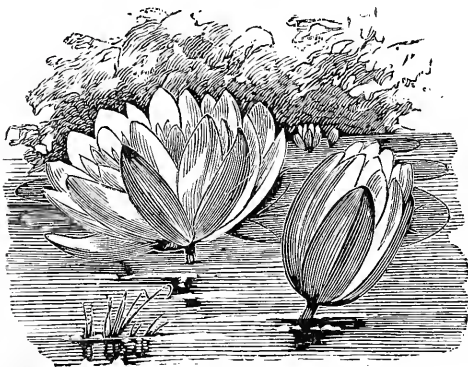
See Special Offers on third page of cover,

*Musa Ensete.*

often veined and marked with purple. The variation in the color of the flowers is one of the most interesting features of this plant. The seed should be sown in pans or boxes filled with light soil, in March or April, and the plants put out-doors in May. They will come into bloom in June. Pkt., 25 cents.

WATER LILIES. From Seed. (*Nymphaea*.) Seed should be planted during March or April, in a teacup containing two or three inches of soil and filled with water. After planting, the cups should be placed in a temperature of from 70° to 80° during germination, which ordinarily takes ten days. When large enough to transplant, prick into small pots and place them in a pan of water deep enough to cover the pots about one inch. In June move to tubs or pools of water out-doors.

BLUE ZANZIBAR WATER LILY. (*Nymphaea Zanzibarensis azurea*.) Flowers varying from a light to a very dark, deep blue. The stamens of all are a bright golden-yellow. The flowers open at about 7 A.M. and close about 5 P.M.

*Nymphaea.*

NICOTIANA COLOSSEA. One of the finest annual ornamental foliage plants in cultivation. It may be grown in the same way as *Nicotiana Affinis*, and will attain a height of five to six feet in a season. The plants, which are exceedingly graceful, are furnished from the ground upwards with immense dark-green leaves of great consistency, and of such robust growth as to withstand without injury high winds or storms. Valuable for planting either in single specimens or groups. Pkt., 25 cents.

MUSA ENSETE. Abyssinian Banana. A magnificent foliage plant with broad, massive leaves that grow to immense proportions; superb plant for the lawn; seeds sown early in heat will produce large plants the first season. Pkt., 25 cents.

MIGNONETTE. Breck's Giant Machet. This strain is just what we have been asked to supply for a number of years — a large-flowered, bright-red colored, sweetly-scented, compact-growing, and free-flowering Mignonette. It is the selection of a florist who makes a specialty of Mignonette for market, and is superior to all other varieties for both pot culture and out-doors. The flowers are bright-red and feathery, the plants of compact, branching habit, and profuse bloomers. Pkt., 10 cents.

NEMESIA STRUMOSA SUTTONI. This charming plant is undoubtedly one of the most charming annuals that has been introduced for a number of years. The color of the flowers is exceedingly variable, being white, ochreous, pale yellow, deep yellow, orange, orange scarlet, magenta, carmine, light rosy-purple, orange striped with orange-brown and shaded with mauve, etc., the throat being dotted with black on a yellow ground, and the outside is

*Breck's Mignonette.*

RED ZANZIBAR WATER LILY. (*N. Zan. rosea*.) Like above in every respect except color, which varies from rich pink to a deep rose, almost crimson in some specimens.

WHITE NIGHT-BLOOMING WATER LILY. (*N. Dentata*.) This grand species opens its flowers at about eight o'clock at night, remaining expanded until noon the next day. They are pure pearly white, with petals expanded horizontally, so that the flowers are perfectly flat like a star. Each variety 25 cents per pkt., or three for 60 cents.

*Nicotiana Colossea.*

WE DOUBLE IT!



**A PROPOSITION WELL
WORTH YOUR CARE-
FUL CONSIDERATION.**

**A PROPOSITION WELL
WORTH YOUR CARE-
FUL CONSIDERATION.**

WE DOUBLE IT.

We will duplicate all **first premiums** offered in 1895 by any Horticultural or Agricultural Society in the United States, that may be secured with the produce of seeds or bulbs purchased of us. **We will pay** the amount on presentation of the certificate of the society's award, accompanied by a statement that the seeds from which the prize winners were grown, were **BRECK'S SEEDS**.

(THIS OFFER COPYRIGHTED.)

Full particulars of this offer on application. Ask for our 1895 illustrated catalogue. Mailed free. Replete with news about novelties, standard varieties of flower and vegetable seeds, the most approved agricultural and horticultural implements, and particulars of "Everything for Farm, Garden and Lawn."

**Joseph Breck & Sons,
BOSTON, MASS.**



The above advertisement will appear this Spring in a large number of American newspapers and periodicals.

Our purpose in making this unique offer is threefold—

- 1st. We aim to awaken a greater interest in Horticultural and Agricultural Societies, and to increase the competition at their Exhibitions for the premiums offered.
- 2nd. We hope that the enhanced value of the **FIRST PRIZES**—our offer, you observe, doubles each one—will result in the production of better specimens exhibited, through the planting of high-grade seeds and more intense cultivation; and that by demonstrating possibilities, stimulate a purpose on the part of both gardeners and farmers to raise better, and, therefore, more profitable, crops.
- 3rd. We believe that the Flower, Vegetable and Field Seeds and Flowering Bulbs offered by us are the best strains in the world, and we wish to encourage those who are not acquainted with our goods to ascertain it by experience.

If you are successful in obtaining any **FIRST PRIZES** with the product of **BRECK'S SEEDS OR BULBS**, send us the Society's certificates of such prizes (which certificates will be returned to you) and write us that the seeds or bulbs were bought of us, together with any particulars of cultivation or other matter of interest, and we will, upon receipt of same, send you a sum equal to that awarded by the Society.

**47 to 54 No. Market St.,
46 Merchants Row, and
17 to 19 North St.,
BOSTON, MASS.**

Joseph Breck & Sons
(CORPORATION.)

NASTURTIIUMS. We call especial attention to our strains of Tall and Dwarf Nasturtiums. They do not consist, as is generally the case, of the commoner free-seeding sorts but are *the really beautiful, scarcer, named varieties*. We have them grown for us by the most successful cultivator of this popular flower in the world. We assort the varieties ourselves, and can thus assure customers of their obtaining, not only the most vigorous strain in existence, but the greatest number of shades and delicate colors. The mixture includes,—white, pink, rose, scarlet, crimson, brick, claret, garnet, orange, primrose, yellow, spotted and countless combinations of these and other shades.

There is no annual so easily grown from seed and none that produces such continuous brilliancy of effect in the garden from June until October or provides cut flowers for the house so abundantly.

A beautiful sunset is not more varied or brilliant in color than are your Nasturtiums.

C. E. C.,
Beverly.



PETUNIA. Breck's Prize, (*Large, Double-Flowered and Fringed.*) These are being received with marked favor, for bedding and as pot plants. The strain is much improved and is superior to any obtainable in delicacy and variety of coloring, as well as in size, doubleness and neatness of fringing. Pkt., 50 cents.



Poppy.

POPPY. (*Papaver.*) These are as desirable a class of flowers to grow as any known to us. They are easily cultivated, and although many of the varieties are annuals, they soon become naturalized, and, if undisturbed, reproduce themselves, year after year. They prefer rich, sandy soil but can be grown anywhere except in damp situations. Complete list of poppies will be found on page 73. We call special attention to the following sorts:—

PAPAVER GLAUCUM. Tulip Poppy. An annual Poppy from twenty to twenty-four inches high, with beautifully shaped large flowers, four inches across, of a most brilliant dark scarlet. The two outside petals are double the size of the inner ones, and each pair forms by itself a round cup flower, which nearly resembles a single Tulip. Pkt., 15 cents.

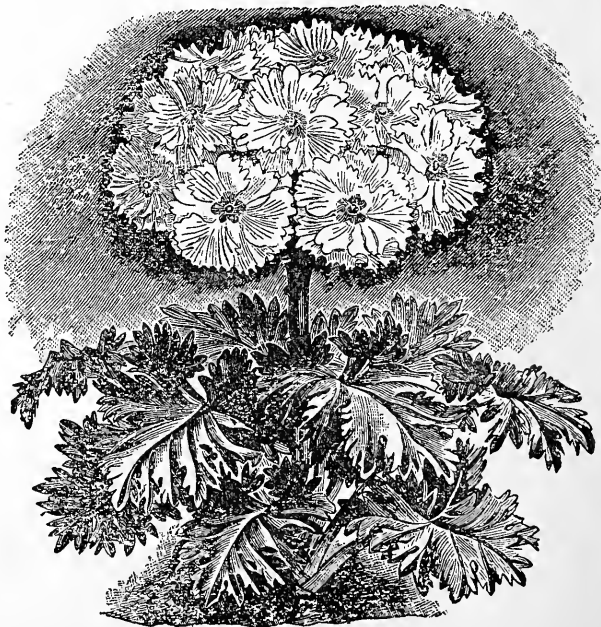
PAPAVER LÆVIGATUM. Very showy annual from Persia, with large, fine-shaped flowers of a deep, brilliant scarlet, with black spots, surrounded by a white margin at the base of each petal. Height, 2 feet. Pkt., 10 cents.

PAPAVER WHITE SWAN. The plants grow from one to two feet high. The flower is of fabulous size, very double, laciniated, beautifully shaped, and of the purest possible white. Pkt., 10 cents.

PAPAVER NUDICAULE COCCINEUM, fl. pl. Double-flowering form of the bright, orange-scarlet variety of the Iceland Poppy, producing about fifty per cent. of true plants with perfectly double flowers. Pkt., 10 cents.

PAPAVER ALPINUM ROSEUM. A desirable new color of Alpine poppy. Pkt., 10 cents.

PRIMULA SINENSIS FIMBRIATA, "Snowball." This is described as the finest white Primula in cultivation. The foliage is remarkably vigorous. The flower stem is very stout and bears a profusion of massive flowers of a pure white color and of great substance. Many of the individual blooms measure $3\frac{1}{2}$ inches in diameter and are exquisitely fringed. Pkt., 50 cents.



Primula. Snowball.

See Special Offers on third page of cover.



PANSIES. *Boston Prize Pansy.* This strain stands easily at the head of the list for size, form, substance, color, and every other feature that goes to make the perfect pansy. Since the original stock came into our possession a few years ago we have been continually improving it, and now we feel sure that Boston Prize Pansy is superior to all in *quantity and quality, of color,* etc.; sold in sealed packages only. Pkt., 25 cents.

Eckford's Prize. A superb cross-fertilized mixture of superior excellence, comprising some of the most lovely varieties of this favorite flower. The colors are brilliant and novel, dark violet, gold, blue and white in eccentric variation of shades and markings, some striped, blotched, or flushed with red and bronze, also recommended for size and beauty of form. Pkts., 25 and 50 cents.

Canary Bird. A giant five-spotted variety on yellow ground. The ground color is a bright, golden yellow, each petal marbled with a large, dark blotch. Pkt., 25 cents.

Cardinal. Roemer, the raiser of this new variety, says: "The idea of every pansy grower is to obtain a scarlet flower, and in the *Cardinal*

I offer the nearest approach to that color yet attained. Pkt., 25 cents.

Peacock. So named because the beautiful ultra-marine blue contained in the upper petals of the flower most nearly resembles the peculiar shade of this color in the feathers of the peacock. Pkt., 15 cents.

Belgian Blotched. Very choice. Pkt., 15 cents.

Bugnot's French. Famous French strain of fine robust growth; great variety of colors; the flowers are of great substance, and borne well above the foliage. Pkt., 50 cents.

Victoria Red. A brilliant, blood-red variety, of fine shape and substance; very distinct. Pkt., 25 cents.

Breck's "International Prize" Mixed. Special mixture prepared by ourselves from the foregoing and other really choice strains. We think this well deserves the title "International," representing, as it does, the highest perfection attained by the "crack" growers of this favorite flower, both in Europe and America. Pkt., 25 cents.

For complete list of Pansies, see page 78.

Again comes round the time for planting, and some of my friends as well as myself turn to the old reliable Breck firm for a supply.

G. M. V. E.,
Albion, N. Y.

PYRETHRUM PARTHENIFOLIUM GLAUCUM. A beautiful companion to the Golden Pyrethrum. The foliage is elegantly cut and of whitish color; no flowers are borne the first year. The plants are very suitable for carpet bedding. Pkt., 25 cts.



Pyrethrum Parthenifolium.

See Special Offers on third page of cover.

WE ARE HEADQUARTERS FOR SWEET PEAS.—LATHYRUS ODORATUS.

HARVARD. This variety was widely disseminated last year, and gave much satisfaction. We have heard from many persons who grew it and the unanimity of opinion as to its value and beauty is most remarkable.

The color is, as the name implies, a deep crimson. The vines are of such vigorous growth that they withstand our summer heat better than other sorts; they attain a height of four feet and produce lateral branches in abundance. It is a very persistent bloomer. Pkt., 10 cts.; ounce, 15 cts.; $\frac{1}{4}$ lb., 50 cts.

President Eliot of Harvard writes, under date of Sept. 27, '94: The vines are very vigorous, the blossoms abundant, and their color fine.

BLUSHING BRIDE. This is the beautiful rose and white-flowered variety grown so largely by Boston florists. It surpasses everything yet offered in vigor of growth, length of spike, profusion of flowers, freshness of color, and fragrance. Per pkt., 5 cts.; ounce, 10 cts.; pound, \$1.00.

BRECK'S MIXTURE SWEET PEAS. From 50 named sorts. Ounce, 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

GOOD MIXTURE. $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

COLLECTIONS.

1 packet each of 40 named varieties	\$2.00
1 " " of 20 " "	1.25
1 " " of 10 " "	75

FIFTY NAMED VARIETIES.

	Pkt.	Oz.		Pkt.	Oz.
Adonis. Carmine	.10	.15	Captain of the Blues	.05	.10
Alba Magnifica. Pure White	.10	.15	Captain Clarke. Tri-color	.05	.10
Apple Blossom. Bright Pink and blush	.10	.15	Captain Sharkey. Dark red	.05	.10
Black Purple	.05	.10	Cardinal. Crimson-scarlet	.05	.10
Black and Brown Striped	.05	.10	Carmine Invincible	.10	.15
Blanche Ferry. Pink and white	.05	.10	Crown Princess of Prussia. Blush pink	.10	.15
Boreatton. Bronze-crimson	.10	.15	Countess of Radnor. Lavender	.10	.15
Butterfly. White and lilac	.10	.15	Delight. White, tinted rose	.10	.15
Duchess of Edinburgh. Scarlet and rose	.05	.10	Painted Lady. Rose and white	.05	.10
Empress of India. Rosy pink and white	.10	.15	Primrose. Primrose yellow	.10	.15
Emily Henderson. Pure white, true	.10	.20	Princess Beatrice. Rose	.10	.15
Fairy Queen. White and rose	.05	.10	Princess of Wales. White and mauve	.10	.15
Her Majesty. Rosy Pink	.10	.15	Princess Victoria. Cherry, mauve, pink	.10	.15
Indigo King. Maroon, shaded bronze	.05	.10	Princess Louise. Pink and lilac	.10	.15
Imperial Blue	.05	.10	Purple Prince. Purplish-maroon	.10	.15
Isa Eckford. Pink, flushed carmine	.10	.15	Queen of England. Large, pure white	.10	.20
Invincible Scarlet	.05	.10	Queen of the Isles. Scarlet, white, purple	.10	.20
Joanna Theresa. Blue and purple	.05	.15	Red and White Striped	.10	.15
Lemon Queen. Pink and lemon	.10	.20	Senator. Striped chocolate on white	.10	.20
Lottie Eckford. Rose white, edged blue	.10	.15	Splendor. Rose, flushed crimson	.10	.15
Miss Hunt. Carmine and pink	.10	.15	Splendid Lilac. Lilac	.10	.15
Mrs. Gladstone. Pink, with blush wings	.10	.20	The Queen. Pink, mauve wings	.10	.15
Mrs. Sankey. Pure white	.10	.20	Vesuvius. Dark red	.10	.15
Monarch. Crimson and deep blue	.10	.15	Violet Queen. Pink and lilac	.10	.15
Orange Prince. Orange pink	.10	.15	White	.10	.15
Eckford's Surpassing Mixture.	Pkt., 10 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 45 cents; pound, \$1.25.				

For further list of Sweet Peas see page 80.

See Special Offers on third page of cover.

RICINUS ZANZIBARIENSIS. Mixed. These new and distinct varieties of the Castor Oil Plant are natives of East Africa. The plants attain great dimensions, their gigantic leaves surpass in size and beauty all the species and varieties known hitherto. We do not doubt but that, as soon as these new Ricinus are introduced, the older varieties will soon disappear altogether. The variety named above produces light-green leaves 2 to 2½ feet across. The mixture embraces the following sorts, which are of similar growth to above, but differ in color, viz.:

R. Z. Maculatus. Leaves, coppery bronze, changing to dark green with reddish ribs.

R. Z. Cinerascens. Leaves, brownish purple, changing into dark green, with lighter ribs.

R. Z. Niger. Leaves bronze, passing into dark green with reddish ribs. Pkt., mixed, 10 cents.

SUNFLOWER. Lorenz's Milflowered. If planted singly in good soil, this new Sunflower reaches the enormous height of from 12 to 15 feet, and is richly branched from the base up to the top, each branch bearing a multitude of medium-size golden yellow flowers, with small, black centre. Pkt., 10 cents.

STOCK. Boston Florists', White. This variety will produce fine spikes of double-white flowers from January to December. Pkt., 10 cents; ⅛ oz., 75 cents.

STREPTOCARPUS. New Hybrids. These are rather dwarf in habit, but are profuse bloomers and have an abundance of leaves; the colors of the flowers are generally shades of blue and lilac. Pkt., 25 cts.

SAINTPAULIA IONANTHA. The leaves of this interesting novelty, which are dark-green, of fleshy consistence and downy surface, spread themselves laterally just over the soil, and form, as it were, a rosette, in the centre of which spring up quite a bouquet of flowers, violet-like both in color and shape, but 1¼ inches in diameter, and gracefully borne on stalks 2 to 3 inches high. These begin to appear whilst the plant is quite young and continue their display through the entire season. The seed is extremely fine and it requires similar treatment to Streptocarpus. Pkt., 25 cts.

ZINNIA ELEGANS, fl. pl. Tom Thumb. A new class of dwarf double-flowered Zinnias. Pkt. 10 cts.



Ricinus Zanzibariensis.

BULBS AND PLANTS.

AMARYLLIS. Every one knows, and almost every one grows, a few of these lovely lily-like flowers, that appear in almost every shade of color ranging from pure white to deep crimson.

Atamasco. Pink and white, variable; showy for borders. 15 cts. each; \$1.50 per doz.

Baffin. Large purplish-crimson flowers, beautiful in shape. \$1.25 each.

Formosissima. (Jacobean Lily.) Deep velvety-crimson; a general favorite. 20 cts., each, \$2.00 per doz.



Amaryllis Vittata.

The Bulbs you sent us were in every way perfect.

T. E. F.,
Fall River.

Johnsonii. Crimson, striped with white; one of the very best sorts. 50 cts. each; \$5.00 per doz.

Lutea. (Sternbergia.) Showy yellow, autumn-flowering variety. 25 cts. each; \$2.50 per doz.

Vittata. Red and white grounds, beautifully peaked with many tints, 75 cts. each.

Vallota Purpurea. Crimson-scarlet flowers, in clusters of five or six. 50 cts. each; \$4.00 per dozen.

Zeyphranthes Rosea. Very fine, large flowers of a deep rose-color. 10 cts. each; \$1.00 per doz.

Zeyphranthes Treata. (Fairy Lily.) Pure white and deliciously scented. 10 cts. each; 75 cts. per dozen.

AMARYLLIS EQUESTRE. The flowers open out flat, and are nodding, giving a graceful and attractive appearance when in bloom. The blossoms measure five or more inches across, and are bright, sparkling orange-red, with a green and white star at the centre. 20 cts. each; \$2.25 per doz.

CRINUM ORNATUM. Probably no plant possessing so much grandeur as this is so little known. This is due to its great scarcity and high price. It is the king of the Amaryllis tribe. It rests in winter, and grows and blooms in spring and summer. It can be treated as a pot plant, or grown in the garden as a summer-flowering bulb. It is of the

easiest culture, and sure to succeed with any one. Its flowers are large, and, like a most beautiful lily, borne in enormous clusters at the top of stout scapes. Color, soft, delicate blush, with a pink bar through the centre of each petal, and very sweet-scented. Fine flowering bulbs, 35 cts. each.

See Special Offers on third page of cover.

AGAPANTHUS. African Lily. The flowers are borne in magnificent trusses that show to advantage against the glossy-green foliage.

Umbellatus Albus. Pure white, 50 cts. each.

APIOS TUBEROSA. A valuable hardy, tuberous-rooted climber, closely resembling the common Wisteria in vine and foliage, and having clusters of rich, deep-purple flowers, which have a strong, delicious, violet fragrance. 20 cts. each; \$2.00 per dozen.

BEGONIAS. Tuberous-Rooted. These plants are increasing in popularity yearly as the public become acquainted with their beauty and usefulness. They grow well in shade or open sunshine. The plants are of dwarf habit, with strong, erect flower stems, carrying the blossoms well above the foliage. The colors are rich and numerous.

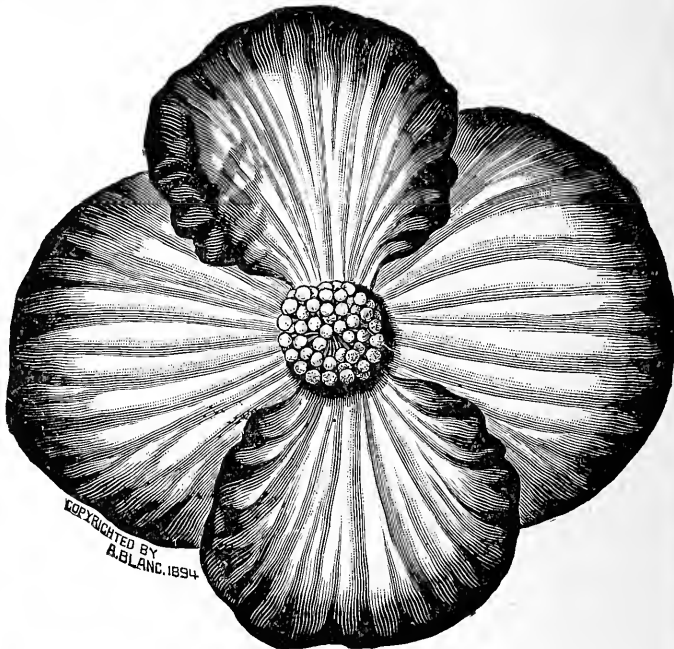
BEGONIA. Single Mixed, 10 cts. each, \$1.00 per doz.; \$8.00 per hundred.

Single. Distinct Colors. White, Yellow, Pink, Salmon, Bronze, Crimson, Scarlet, etc., 10 cts. each, \$1.20 per doz.; \$9.00 per hundred.

Double Mixed. 15 cts. each, \$1.75 per doz.; \$14.00 per hundred.

Double. Distinct Colors. 25 cts. each, \$2.75 per dozen; \$20.00 per hundred.

BESSERA ELEGANS. This beautiful variety is the direct counterpart of *Milla Biflora*; equalling it in graceful beauty. Pendulous clusters of bell-shaped flowers borne on long, slender stems. The color is a striking shade of coral scarlet, with pure-white cups and dark-blue anthers. 8 cts. each; 80 cts. per dozen.



CANNAS. Large Flowering, Dwarf French. We know of nothing so effective in foliage or continuous in flower as these new Dwarf French Cannas. Within a few years a great many new varieties have been presented for public favor. The list we give is not as large as some, but it embraces the "cream." To aid our customers in making selections, we have indicated what we consider

the best six by prefixing three stars ***; to the best twelve, two stars **.

***Alphonse Bouvier. Strong green foliage; height, 5 ft. Flowers, crimson scarlet; height, 6 ft. 20 cts. each; \$1.50 per dozen.

***Admiral Courbet. Foliage, light green; height, 3½ ft. Flowers, light yellow, speckled with orange scarlet; height, 4½ ft.

Brunte. Foliage, dark; height, 3 ft. Flowers, light pink; height, 4 ft. Childsii. Light-green foliage; height, 2½ ft. Flowers, bright glossy-yellow, thickly spotted with crimson; height, 3 ft.

**Comtesse Marie de Lusignard. Bright-green foliage; height, 3 ft. Flowers, cherry red; height, 4 ft.

Duc de Montmart. Green foliage; height, 2½ ft. Large flowers of a rich orange-yellow, spotted with cinnamon red; height, 3 ft.

***Florance Vaughan. Massive green foliage; height, 3 ft. Flowers, golden yellow spotted with bright red; height, 3½ ft.

**Francisque Morel. Foliage, dark green; height, 3 ft. Flowers, bright scarlet; height, 3½ ft.

F. Corbin. Foliage, dark green; height, 3 ft. Flowers, bright cherry-red; height, 4 ft.

***Geoffry St. Hillaire. Foliage, chocolate color; height, 4 ft. Flowers, very large, deep-glowing, orange shade; height, 5 ft.

Gustav Sennholz. Foliage, deep green; height, 3 ft. The flowers upon first opening are of a light shade of salmon, which changes as they fully expand to a peculiar shade of silvery rose, mottled with salmon; height, 3½ ft.

See Special Offers on third page of cover.

CANNAS. Large Flowering, Dwarf French. — *Continued.*

****Jules Chretien.** Dark-green foliage; height, 3 ft. Flowers, bright crimson; height, $3\frac{1}{2}$ ft.

****La Guille.** Deep-green foliage; height, 3 ft. Flowers, beautiful, rich salmon-color; height, 5 ft.

M. Cleveland. Foliage, deep green, height, 4 ft. Flowers, orange scarlet, overlaid with crimson; height, 5 ft.

Madame Just. Dark-veined foliage; height, 3 ft. The lower part of the petals is flame color, the upper part, golden amber; height, 4 ft.

Madame Oriol. Bright-green, massive foliage; height, $2\frac{1}{2}$ ft. Flower, orange red; height, $3\frac{1}{2}$ ft.

Mlle. de Cruillon. Foliage green; height, 3 ft. Flowers, yellow, shading to terra-cotta; height, $3\frac{1}{2}$ ft.

*****Madame Crozy.** Massive, deep-green foliage; height, $2\frac{1}{2}$ ft. The flowers are very large, of a dazzling crimson-scarlet, bordered with golden yellow; height, $3\frac{1}{2}$ ft. 20 cts. each; \$1.50 per doz.

Princess de Lusignaw. Dark, purple foliage; height, $2\frac{1}{2}$ ft. Flowers, orange scarlet, shaded crimson; height, $3\frac{1}{2}$ ft.

*****Queen Charlotte.** This is said to be the finest introduction, up to date. Beautiful, bluish-green, musa-like foliage; height, 3 ft. Flowers very large, and of perfect form with petals of a velvety grenade blood-red, broadly-banded with the brightest canary yellow; height, 4 ft. 75 cts. each; \$8.00 per doz.

****Star of 1891.** Bright-green foliage; height, 2 ft. Flowers, bright, orange scarlet color, faintly banded with yellow; height, $2\frac{1}{2}$ ft.

Souv de Charreton. Green foliage; height, $2\frac{1}{2}$ ft. Flowers, dazzling orange-scarlet; height, $3\frac{1}{2}$ ft.

****The Garden.** Foliage green; $3\frac{1}{2}$ ft. Flowers, scarlet, $3\frac{1}{2}$ ft.

Vesuvius. Light-green foliage; height, $3\frac{1}{2}$ ft. Flowers, crimson scarlet; height, $4\frac{1}{2}$ ft.

The above varieties, 15 cents each; \$1.00 per dozen, except as noted.

Seedling Cannas. We can furnish a fine lot of seedlings from which many new and beautiful forms will doubtless be obtained. 15 cents each; \$1.00 per dozen.

Cannas are not subject to either of our special offers.

CALLA LILY. "THE GEM." Richardia Nana. This is a novelty of great merit, and is highly recommended on account of its dwarf habit and free flowering. It resembles the common and popular *Calla*, except that it never grows higher than one and a half feet. 25 cts. each; \$2.75 per dozen.

CALADIUM ESCULENTUM. Beautiful, ornamental foliage plants. They grow in any good garden-soil to a height of five feet, and have leaves four feet in length by two and a half in breadth. First size, 15 cts. each; \$1.50 per dozen. Extra large, 25 cts. each; \$2.50 per dozen.

CYCLOBOTHR FLAVIA. This golden gem is of great beauty and easily grown; the habit of plant and bloom is similar to *Bessera*; the color is clear golden-yellow, with intense black spot on each petal. 8 cts. each; 80 cts. per dozen.



Cacti.

CACTUS. These plants require absolutely no care. They grow for months in the house or garden without watering, and increase in value yearly. Their flowers are of exquisite beauty and fragrance, and their curious forms render them exceedingly interesting. In winter they require scarcely any water. We send by mail 10 fine plants of blooming size, each one distinct and named, for \$1.00; or 5 for 50 cts.

CARNATION. Ada Byron. We introduced this beautiful variety last year. It is giving immense satisfaction to all who are growing it because it is a wonder in profusion of bloom, freshness of color, neatness of flower, length and stiffness of stem, and keeping qualities when cut. The flowers under fair cultivation average fully two inches in diameter, and are possessed to an unusual degree of the much-desired old-clove fragrance. Well-rooted plants, each, 15 cts.; dozen, \$1.50; hundred, \$8.00.

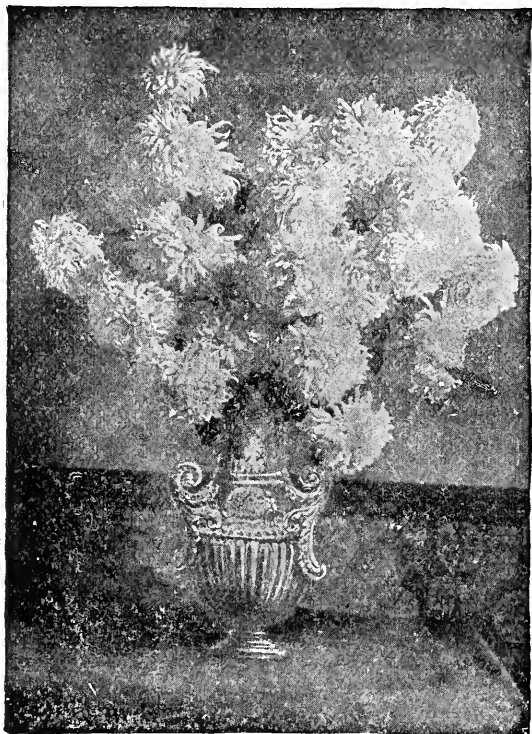
CARNATION NICHOLSON. This is the largest—often three inches in diameter—brightest colored, most fragrant—old-clove pink fragrance—and most abundant bloomer produced to date. The plants are of exceedingly vigorous growth, and so far they have not been affected by rust or other disease. The flowers are borne in continuous profusion on long stiff stems, and a burst calyx is unknown among them. The foliage is very luxuriant,

and of a pleasing bluish-gray color. Well-rooted plants, each, 15 cts.; dozen, \$1.25; hundred, \$9.00.

See Special Offers on third page of cover.



Dwarf French Canna.



Chrysanthemum, Mutual Friend.

Mrs. J. W. Morrissey. A mammoth flower; violet-pink, quilled petals.

Mrs. A. J. Drexel. Crimson; a very bright, attractive variety.

Mrs. Jerome Jones. Pure white, incurved Japanese. Awarded first prize at the New York, 1892, show, for the best flower exhibited.

Strong plants of the above sorts ready about middle of April. Each, 20 cents; dozen, \$2.00.

Cullingfordii. Bright crimson, one of the best.

Eda Prass. Delicate pink; a fine flower.

Frank Thomson. White, shaded pearl-pink; strong grower.

Carry E. Widener. Bright yellow; flowers borne on stiff, stout stems; one of the best yellows.

Ivory. The best white in cultivation; early bloomer.

Kioto. Large yellow balls; a beautiful variety, and a great favorite.

L. Canning. A fine mid-season; white, large and double.

Louis-Boehmer. Pink ostrich-plume Chrysanthemum; a delicate pink, petals covered with a hairy-like growth.

Mrs. Fottler. A delicate pink variety.

V. H. Hallock. Rosy pearl; waxy texture; a fine flower.

Violet Rose. Bright violet-shaded rose.

W. H. Lincoln. The best golden-yellow.

Strong plants of the above twelve sorts ready about middle of April. Each, 15 cents; per dozen, \$1.50.

HARDY CHRYSANTHEMUM. Golden Fleece.

This is a valuable, free-flowering, hardy Chrysanthemum, especially suitable for outdoor cultivation. The plant grows about two feet high, is bushy and symmetrically formed, and is literally covered from the beginning of July until severe frost with beautiful, large golden-yellow flowers. The Golden Fleece should not be confounded with the common yellow garden Chrysanthemum that is pretty, though somewhat scraggy in appearance, and rarely blooms until about the time that frost cuts down all herbaceous plants remaining unprotected in the garden. Flowers of the Golden Fleece were shown at the Massachusetts Horticultural Society's Exhibition the past season. Their beauty called forth most enthusiastic praise from all who viewed them. Each, 15 cents; per dozen, \$1.50.

CHRYSANTHEMUM Mutual Friend. A popular introduction of 1894 that will undoubtedly be much in demand this fall. The flowers are reflexed pure white of good size, from 7 to 11 inches in diameter, great depth, *no centre*, stiff stems, heavy foliage within six inches of flower, great keeping qualities, easy of propagation, which is of great importance to the commercial florist, blooms a week after Ivory in same temperature, and is of medium height. Each, 25 cents; dozen, \$2.75 Ready for delivery after March 1, 1895.

Col. W. B. Smith. A large double flower of the richest golden-bronze.

Emma Hitzeroth. A magnificent clear-yellow flower.

Edward Hatch. An immense flower, almost spherical in form; color soft lemon-yellow, suffused with pink.

George W. Childs. A large reflex flower with broad, stiff petals; color deep, rich, velvety crimson.

Golden Wedding. Richest golden-yellow, intense and dazzling in color. The flowers are of immense size.

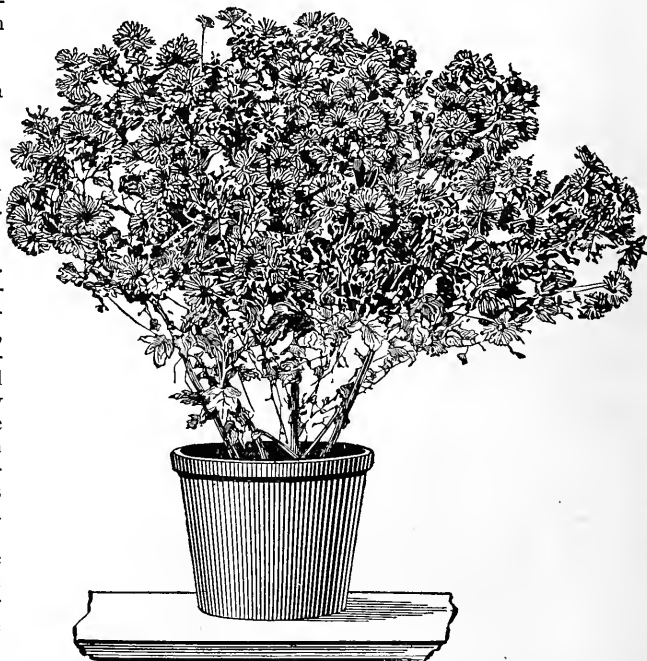
Harry Barclay. A beautiful pearl-pink, semi-globular in form.

Harry May. Flower very large and double; color, deep old-gold.

Joseph H. White. A large cream-white, dahlia-like flower; one of the best.

Lillian Russell. A globular flower, *Mermet*-pink in color; a very pleasing variety.

Marguerite Jeffords. A large, fine, amber-colored ball.



Chrysanthemum. Golden Fleece.

See Special Offers on third page of cover,

CLEMATIS PANICULATA. We cannot better describe this marvellously beautiful and fragrant climber than by the following, which appeared in a Boston daily paper, Sept. 19, 1892. "This is the time of the full splendor of that wonderful climber, as yet quite new here, *Clematis Paniculata*. It covers some porches that the 'Listener' knows well, with a white sheet of beautiful bloom, and fills the air all about with the most delicious perfume. It was introduced only a few years ago, and its growth is so marvellously rapid, and its adaptation to our climate so complete, that it already threatens to reach the housetops. In a general way it resembles our common wild Clematis or Virgin's Bower, but its blossoms are more profuse and pure white, and exquisitely and penetratingly fragrant. It needs a trellis to grow upon. Of course it is an added recommendation to it that its flowers come in late September, when shrubs and climbers in bloom are rare. It is only one of about a million beautiful things, more or less, in nature and art, that we owe the mother-land of gentleness and beauty, Japan." Plants, 25 cts. to \$1.00 each; \$3.00 to \$10.00 dozen.

CYCLAMEN PERSICUM GIGANTEUM. This magnificent strain of the favorite *Cyclamen Persicum* is the result of a long process of selection and high cultivation. The plants are very free flowering and produce blooms of extraordinary size and substance combined with great variety of color, remarkable at once for delicacy and distinctness. Fine plants, 75 cents each; \$8.00 per dozen.

DAHLIAS.

SELECTED LARGE SHOW DAHLIAS.

20 cts. each; \$2.00 per doz.

SELECTED, DOUBLE, POMPON DAHLIAS.

Most beautiful varieties. 20 cents each; \$2.00 per dozen.

Double large-flowering sorts, distinct colors, named, 15 cts. each; \$1.50 per dozen.

Pompon or Bouquet. Distinct colors, named, 15 cts. each; \$1.50 per dozen.

Single-flowering. Choice kinds, 15 cts. each; \$1.50 per dozen.



Double Pompon Dahlias.



ALBANY COPYRIGHTED 1885

Gladiolus.

HARDY DAHLIA. Golden Ball. Although not really a Dahlia this plant bears so much resemblance to the family that we deem the name appropriate; the plants attain a height of four feet, are well furnished with pretty dark-green foliage, which in fall just shows through the almost complete covering of beautiful, double golden-yellow flowers that last till frost. Seeds, per packet, 10 cents. Extra strong plants, each 15 cents; per dozen, \$1.50.

GLADIOLI. This valuable and easy cultivated class of bulbs is not half appreciated. They can be grown in beds or borders, and a succession of bloom can be kept up from June till frost by continuous planting.

Fine mixed varieties,	25 cts. per doz.,	\$1.75 per 100
Named sorts, mixed,	40 " "	2.75 "
Scarlet shades in mixture,	30 " "	2.00 "
Crimson, "	30 " "	2.00 "
Pink, "	40 " "	3.00 "
White, "	40 " "	3.00 "
Yellow, "	50 " "	4.00 "
Striped and variegated,	40 " "	3.00 "
French Hybrids,	60 " "	4.50 "
Lemoine's Hybrids, collections of 10 named varieties,		
\$2.00.		

Snow White. Under ordinary conditions, nearly the entire spike of this variety is a perfect paper white with a slight cream shade on lower end of petals; it is the best white Gladiolus grown. Each, 15 cts.; per dozen, \$1.50.

GLOXINIA BULBS. Our stock of this exquisite plant is very choice. The bulbs should be potted in the spring in light, sandy loam, and they will commence growing and blooming at once. In the fall, dry them, and store in a warm place through winter. Strong, flowering bulbs, mixed colors, per bulb, 25 cts.; five for \$1.00; \$2.00 per dozen.

See Special Offers on third page of cover

HYACINTHUS CANDICANS. Perfectly hardy. Grows to a height of three feet and bears an abundance of pure white, bell-shaped flowers. Each, 10 cts.; per doz., 75 cts.

IRIS KAEMPFERI. When these are in bloom nothing in the garden is grander. The name "Poor Man's Orchids" has been suggested for them on account of their ease of culture and great beauty. Think of a



Lilium Auratum.

plant sending up to a height of three feet a dozen flower spikes, each spike bearing from two to four enormous blossoms eight to ten inches across, and of the most delicate and beautiful colors, markings, and combinations. The Kaempferi is this and much more, for with all its beauty it is perfectly hardy. Choice named varieties, \$3.00 per doz. Double and single mixed, \$2.50.

IRIS. GERMANICA. The German Iris bloom earlier than the Kaempferi, they embrace many charming combinations of colors, and are very fragrant. Choice named varieties, \$1.50 per doz. Fine mixture, \$1.00 per doz.

IPOMÆA NOCTIFLORA. Night-Blooming Moon-Flower. This beautiful climber has made a great sensation in floral circles since its introduction. Its pure white flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Each, 20 cts.; per doz., \$2.00.

LILIES. Those who desire flowering plants that will, after planting, practically take care of themselves, find in this beautiful family almost everything desired. The Japanese sorts are in large demand, and may be styled the cream of the list.

Lilium Auratum. Golden Banded Lily of Japan. Immense white flowers, each petal marked with a wide gold band and spotted with maroon. Each, 25 cts.; per doz., \$2.50.

Lilium Lancifolium Rubrum. White with rich crimson spots. Each, 20 cts.; per doz., \$2.00.

Lilium Lancifolium Roseum. White stained and spotted rose. Each, 20 cts.; per doz., \$2.00.

Lilium Lancifolium Album. Large pure white flowers. Each, 25 cts.; per doz., \$2.50.

Lilium Wallachianum Supperbum. Perhaps the rarest, yet easiest grown and most beautiful lily in existence. "The variety Superbum of the Indian Lily is much superior to the type both in vigor of constitution and in the size and beauty of its flowers."—*Garden and Forest*, August 27th, 1890. This is beyond

question the most beautiful of all the Trumpet Lilies, the flowers being of purest white, the tube being about ten inches long and shaded a most lovely primrose yellow at the base. As exhibited for the first time in this country by Mr. H. H. Hunnewell and Mr. W. C. Strong, the following description is given by the Flower Committee of the Massachusetts Horticultural Society in its Report for 1891: "It is a magnificent Lily with an immense funnel-shaped flower with solid texture and beautiful in color, which is white shaded with chocolate on the outer side and delicately tinged with yellow on the inside. It was awarded a first-class certificate." Flowering bulbs, each, 75 cts.; per doz., \$8.00.

MILLA BIFLORA. Beautiful white waxy flowers with pale lemon anthers. Deliciously fragrant. Plant outdoors in May and take up bulbs in fall like Gladioli. Each, 10 cts.; per doz., 75 cts.; per hundred, \$5.00.

MADEIRA VINE. A beautiful rapid-growing climber, bearing in profusion very fragrant white flowers. Each, 5 cts.; per doz., 50 cts.

MONTBRETIA. Crocosmiaeflora. Very large flowers of fine shape. Base of flowers is bright orange, sprinkled with purple spots, arranged like Tigridia. Each, 10 cts.; per doz., 75 cts.

NYMPHÆA. The following are easily grown, valuable, and interesting aquatics. The sorts marked "T" are tender and the tubs or tanks in which they are grown out doors during the summer should be removed to a warm greenhouse in the fall, where they may be continued in bloom most of the winter. Those marked "HH" are hardy south of Philadelphia; when planted north of there, they should have protection during the winter. The varieties marked "H" are hardy, and may be grown in ponds, streams, or tubs.

Nymphæa Odorata "H." The well-known, white-flowered *Water Lily*. Each 25 cents; per dozen, \$2.50.

Nymphæa Odorata Rosea "H." The Cape Cod pink water lily. Each \$1.00; per dozen, \$10.00.

Nymphæa Zanzibarensis "T." The finest of all the blue or purple sorts. The flowers often measure ten to twelve inches across. Each, \$5.00.

Nymphæa Zanzibarensis Azurea "T." Like the above, but with lighter-colored leaves and flowers. Each, \$2.00.

Nymphæa Zanzibarensis Rosea "T." The large pink flowers contrast prettily with the pale green of the leaves. Each, \$2.00.

Nymphæa Devoniensis "T." Flowers bright rosy crimson, eight inches or more in diameter; leaves a foot or more across, of a dark-green or coppery red, with dark red blotches. Each, \$2.50.

Nelumbium Speciosum "HH." The sacred Lotus of India. The leaves which grow at the time of blooming attain a height of about six feet. Another set, which is mostly made previously, floats on the surface of the water. The flowers are white, deepening to a rosy-pink towards the tips of the petals. Each, \$2.50.

Nelumbium Luteum "HH" This American Lotus is in general appearance and habit similar to *N. Speciosum*, except that the flower is yellow; fragrant. Each, \$1.00.

Nymphæa Lotus "T." Supposed to be the Lotus of the ancient Egyptians. The flowers are white, cup-shaped, with yellow stamens. Each, \$2.00.



Milla Biflora.

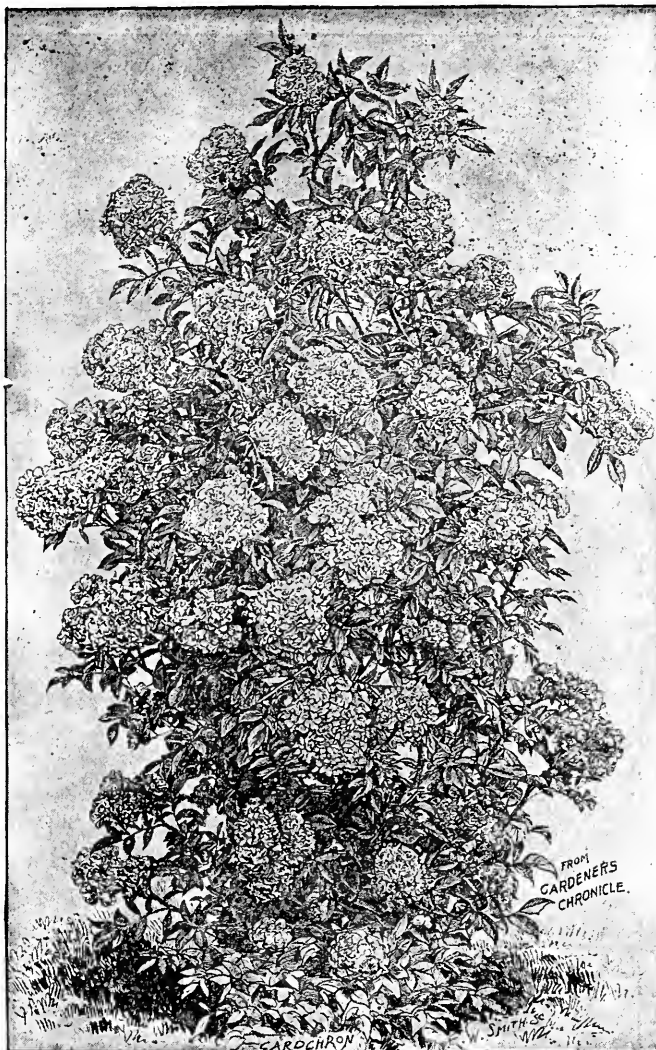
ROSE. CRIMSON RAMBLER. This decided novelty in Roses was received in England, from Japan, Fall of 1893.

The plant is of very vigorous growth, making shoots from eight to ten feet during the season, rendering it a charming pillar Rose. It is also magnificent in bush form, and for covering buildings, trellises, etc., it cannot be excelled. One of the striking characteristics of this Rose is its remarkable color, which is of the brightest crimson, which remains undimmed to the end, showing none of the objectionable purplish tint so common in crimson roses.

The flowers are produced in great pyramidal panicles or trusses, each carrying from thirty to forty blooms, the individual flowers measuring about one to one and a half inches in diameter and remaining perfect on the plant for upwards of two weeks with their freshness of color unimpaired. The foliage is bright green and glossy, and contrasts finely with the bright crimson of the flowers. It is said to be exceedingly hardy, having successfully withstood the test in exposed situations of two very severe winters in England. We have not had an opportunity to test its hardiness here, but from all appearances we think it is hardy. As a decorative pot plant it cannot be excelled. 300 blooms have been grown on one branch. Plants, 50 cts. each; \$5.00 per dozen.

VIOLET, LADY HUME CAMPBELL.

The latest and best. Not quite so dark in color as *Marie Louise* but almost twice as large; well-grown flowers will easily cover a half-dollar piece. The lasting fragrance is as penetrating as it is delicate and pleasing, and the vigor of the plant is as noticeable in the foliage as in the flowers. The stock we offer has always been entirely free from disease of any kind. Per doz, \$1.00; hundred, \$8.00.



Crimson Rambler.

FOLIAGE PLANTS FOR THE HOUSE.

ARICA LUTESCENS. A majestic palm. Its dark, glossy-green leaves are gracefully curved on slender stems. The trunk and stems are a golden yellow, irregularly spotted with bronzy green. Each, 1½ feet, \$1.50; 2½ feet, \$3.00.

KENTIA BELMOREANA. Sometimes called the "Curly Palm," recognized as one of the best for all purposes, being able to withstand more ill usage, perhaps, than any other. Each, 1½ feet, \$2.00; 2 feet, \$3.00; 3 feet, \$5.00.

LANTANIA BORBONICA. This is a typical palm and is more largely used than any other. It is of strong, healthy habit, and especially suitable for window culture. Each, 1½ feet, \$1.50; 2 feet, \$2.00; 2½ feet, \$3.00; 3 feet, \$5.00.

PANDANUS UTILIS. This is a most desirable variety for window culture, and will bear without injury a great deal of neglect. Each, 1 foot, \$1.00; 1½ feet, \$2.50.

DRACENA INDIVISA. Valuable as a window plant and for centres of vases, baskets, beds, etc.; 50 cts. to \$1.50 each.

DRACENA TERMINALIS. A beautiful decorative plant, gorgeous shades of crimson, bronzy green and pink foliage; 50 cts. to \$1.50 each.

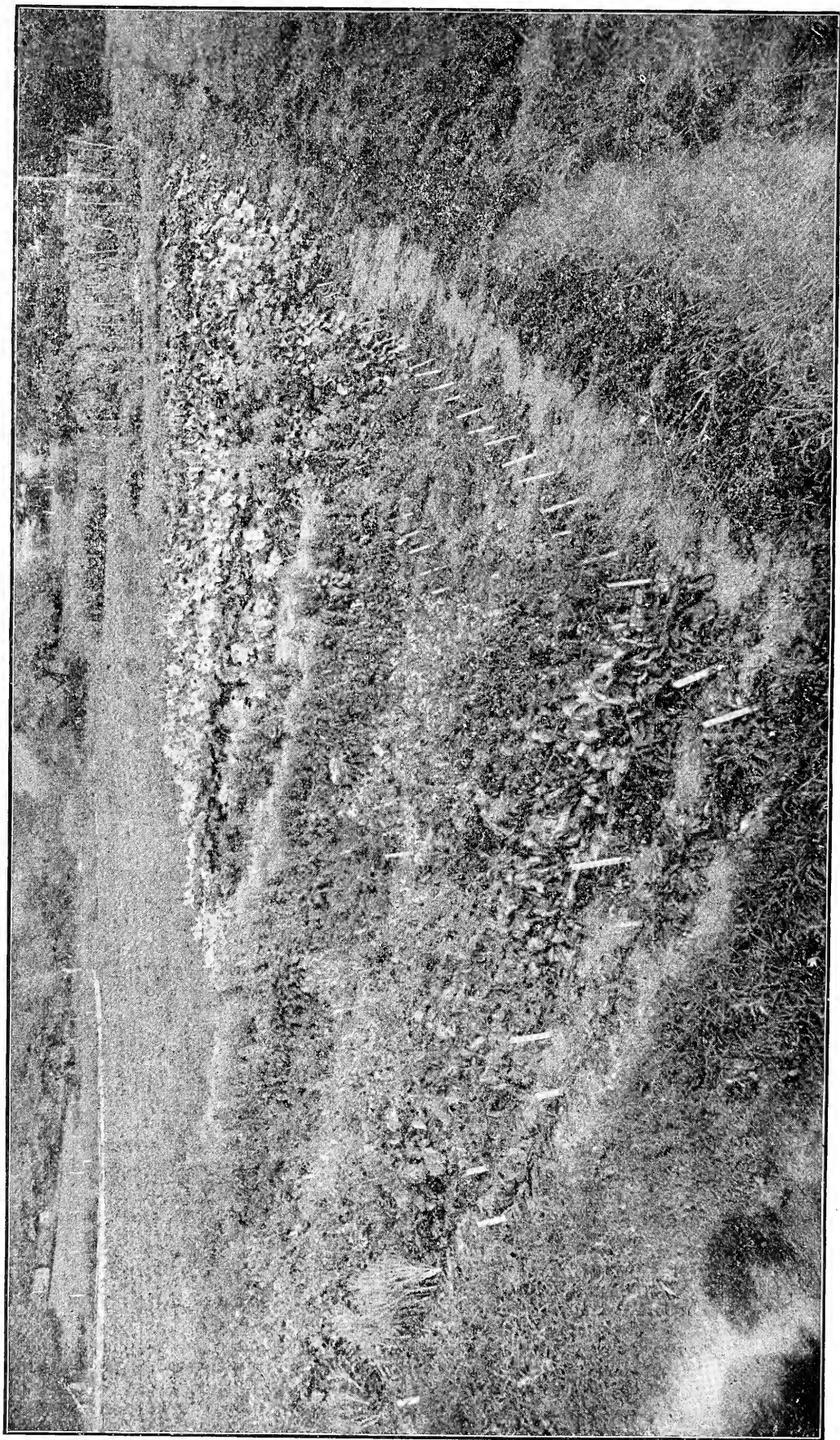
RUBBER PLANTS, *Ficus Elastica*. We can furnish nice, healthy plants of this favorite at from \$1.00 to \$5.00 each according to size.

NEPHROLEPSIS EXALTATA. *Sword Fern*. A very popular window-plant. It bears well with heat, dust, and neglect, and always has a bright, fresh appearance. Strong plants, 50 cts. to \$2.00 each.

See Special Offers on third page of cover.



Kentia Belmoreana.

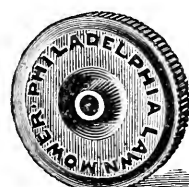
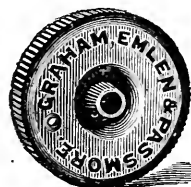


A VIEW IN OUR TRIAL GROUNDS AT MONTVALE, MASSACHUSETTS,

WHERE WE GREW OVER A THOUSAND KINDS OF GARDEN AND FIELD SEEDS, SEASON OF 1894.

GENUINE PHILADELPHIA LAWN MOWERS FOR 1895. HAND MACHINES.

IMPORTANT NOTICE. Don't listen to unscrupulous dealers who offer imitation Philadelphias and say they are as good, or the same, as the Genuine Philadelphias. To sell an inferior article under the name of Philadelphia is piracy. Some unprincipled dealers are trying to introduce inferior Mowers on the Philadelphia's reputation. Look out for frauds. Examine carefully and be sure the Philadelphia you buy has the Philadelphia Lawn Mower wording on the wheels. (See cut.)



STYLE D.

Three-blade solid or open wiper, suitable for city lots and small lawns.

PRICE LIST.

	Width of cut, 10 inches, weight 24 lbs., wheels 6 1/2 inches	List Price.	Net Price.
"	12 " " 28 " " 6 1/2 "	\$13.00	\$5.00
"	" " " " " "	15.00	5.50

STYLE M.

Three-blade solid wiper, with the cutting blades bolted on. Style M machines are recommended for general purposes, and we warrant them to *run easier*, to be *more durable*, and to *cut as high grass* as any lawn mower made.

PRICE LIST.

	Width of cut, 14 inches, weight 36 lbs., diameter of driving wheels, 7 inches	List Price.	Net Price.
"	16 " " 38 " " 7 "	\$17.00	\$6.50
"	18 " " 44 " " 7 "	19.00	7.50
"	20 " " 46 " " 7 "	21.00	8.50
"	" " " " " "	23.00	9.50

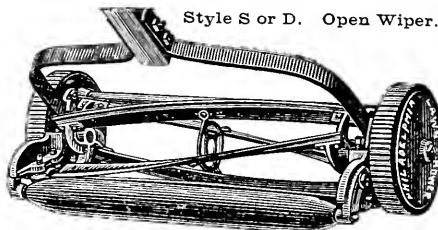
STYLE S.

Style S machines are recommended to all desiring to purchase an *open wiper* lawn mower. They run quietly, and weigh much less than other lawn mowers. Diameter of driving wheels, 7 inches.

PRICE LIST.

	Width of cut, 14 inches, weight 33 lbs.	List Price.	Net Price.
"	16 " " 34 " "	\$17.00	\$6.50
"	18 " " 36 " "	19.00	7.50
"	20 " " 40 " "	21.00	8.50
"	" " " " " "	23.00	9.50

Style S or D. Open Wiper.



STYLE B.—Self-Adjusting Journals.

Something entirely new, but has been tested two seasons, and now placed on the market with great confidence. and warranted. It stands today alone as being the only self-adjusting Mower made. Diameter of driving wheels, 7 in.

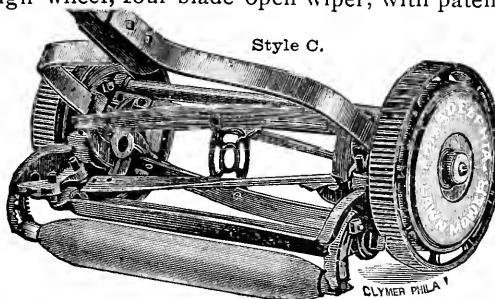
PRICE LIST.

	Width of cut, 14 inches, weight, 33 lbs.	List Price.	Net Price.
"	16 inches, weight, 34 lbs.	\$22.00	\$8.50
"	18 inches, weight, 36 lbs.	24.00	9.50
"	20 inches, weight, 38 lbs.	26.00	10.50
"	" " " " " "	28.00	11.50

STYLE C.

Medium high wheel, four-blade open wiper, with patent

Style C.



corrugated spiral cast-steel blades. This style, medium high wheel, Genuine Philadelphia, is to supply a demand for a Mower of its description, which has real merits, as many of its class do not, and is a light-running Mower. Wheels, 8 1/2 inches.

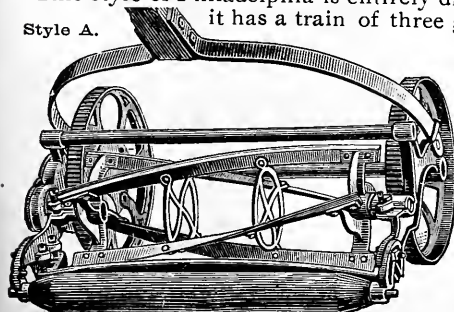
PRICE LIST.

	Width of cut, 14 inches, weight 36 lbs.	List Price.	Net Price.
"	16 " " 37 " "	\$17.00	\$6.50
"	18 " " 40 " "	19.00	7.50
"	20 " " 44 " "	21.00	8.50
"	" " " " " "	23.00	9.50

STYLE A.—The King of Mowers.

This style of Philadelphia is entirely different from all others,

Style A.



it has a train of three gears, and many other special advantages. It is made of *steel* throughout, and *weighs much less* than others of its model. It being *light*, runs *lighter*, and is easily handled. It has long journals, insuring great durability. With large wiper, will cut high grass. The simplest of its kind; has all our improvements, and is the best Mower made. Diameter of driving wheels, 10 inches.

PRICE LIST.

	Width of cut, 15 inches, weight 39 lbs.	List Price.	Net Price.
"	17 " " 42 " "	\$25.00	\$11.50
"	19 " " 44 " "	28.00	12.50
"	21 " " 46 " "	31.00	14.00
"	" " " " " "	34.00	15.50

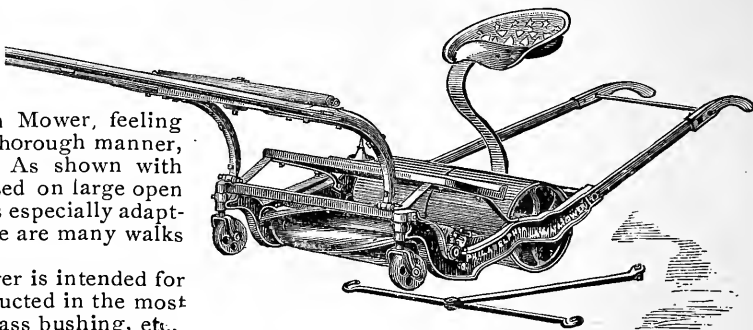
Descriptive Circulars and Price Lists of the Philadelphia Mowers, etc., mailed upon application.

GENUINE PHILADELPHIA LAWN MOWERS FOR 1895. HORSE MACHINES.

30-INCH HORSE LAWN MOWER

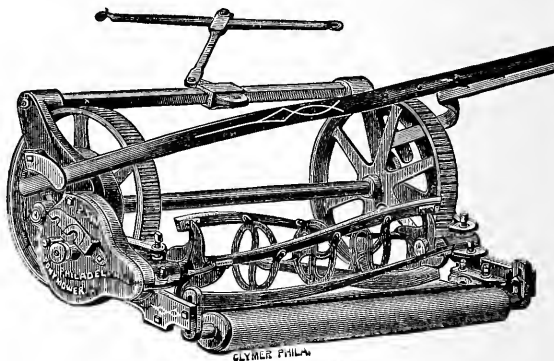
To those who are the fortunate possessors of lawns so large that the use of a hand mower would become tedious, we offer the Philadelphia Horse Lawn Mower, feeling confident that it will do its work in a thorough manner, with a great saving of time and labor. As shown with shafts and seat, it is intended to be used on large open grounds. When used with draft rod, it is especially adapted to hilly and uneven lawns where there are many walks and much shrubbery.

The 36-inch cut Horse Lawn Mower is intended for parks and open grounds, and is constructed in the most thorough manner with steel shafting, brass bushing, etc., and must be examined to be appreciated.



25-INCH PONY OR TWO-MAN MOWER.

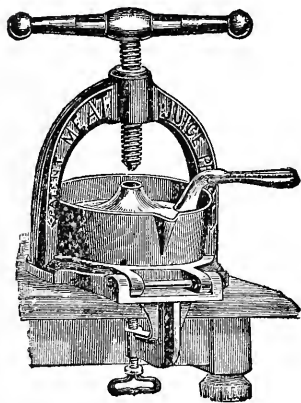
The 25-inch (pony or two-man) Mower has many advantages over machines of its kind, as it has all the good points of our Steel A Hand Mower on a larger scale. It takes the place of horse mowers on medium size lawns. It is easily operated by man and boy. It may be used on a new lawn, where a horse would deface it. It can be worked where there is much shrubbery and trees. It is light in weight and draft, strong and durable.



PRICE LIST.

	List Price.	Net Price.
30-inch Mower, with draft rod,	\$100.00	\$65.00
30- " " " seat and shafts,	120.00	85.00
25- " " " as per cut,	50.00	35.00
36- " " " with seat and shafts,	160.00	125.00
40- " Lawn Sweeper, horse power,	70.00	55.00

Catalogue mailed on application.



MEAT JUICE PRESSES FOR THE SICK.

Physicians are so generally prescribing Meat Juice that a mechanical device for quickly and easily extracting it is a necessity. We keep in stock a full line of Meat Juice Presses. Pure, fresh Meat Juice, obtained by pressure, is exceedingly valuable as a nourishment for the sick. No other nourishment is so easily assimilated. Very delicate children appropriate it when they cannot digest milk. Typhoid, pneumonia and consumptive patients take it in generous quantities.

J. BRECK & SONS' NET CASH PRICE LIST.

No. 1.	For Infants,	\$1.25
No. 2.	Family Size,	1.75
No. 3.	Family Size, large,	3.50

Essay, "Have Meat Juices any Real Nutritive Value?" mailed on application.

STEEL CLAD STONE BOAT. SAVE YOUR BACK.

PRICE LIST.

7½ feet x 30 inches, net cash,	\$7.00
6 " x 28 " " "	6.00



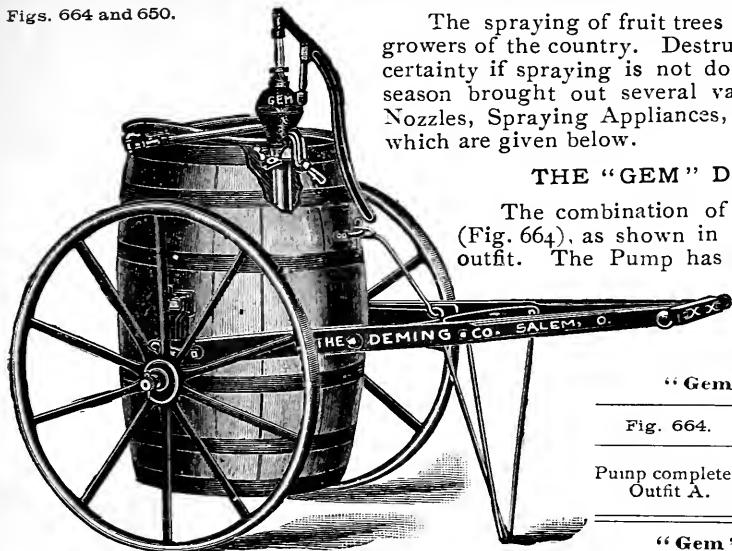
Why lift your plows, harrows, machinery, stumps, stones, etc., on to a wagon to move them about on the farm when you can get one of our Durable and Useful Steel Clad Stone Boats at a very low price.

The bent part of the Boat is made of No. 11 Sheet Steel, light and indestructible. The Bottoms are White Oak or Maple plank and can be replaced for 75 cents when worn out, giving you practically a new Stone Boat. The front and all exposed joints are painted, giving the Boat a neat and merchantable appearance.

See Special Offers on third page of cover.

SPRAYING PUMPS AND ATTACHMENTS.

Figs. 664 and 650.



THE "GEM" DOUBLE ACTING SPRAY PUMP.

The combination of Barrel Cart (Fig. 650) and "Gem" Pump (Fig. 664), as shown in the above cut, makes a splendid spraying outfit. The Pump has 4-inch stroke. The nozzle used with Pump is the "Bordeaux," Fig. 965, shown separately below.

PRICE LISTS.

"Gem" Pump — Fig. 664. (Without Cart.)

Fig. 664.	Size Cyl.	Suction.	Discharge.	Price.
Pump complete. Outfit A.	1½ in.	2 ft., ¾ in. Pipe and Brass Strainer.	5 ft., ½ inch Hose and "Bordeaux" Nozzle.	\$7.50

"Gem" Pump — Fig. 664. (Without Cart.)

Fig. 664.	Size Cyl.	Suction.	Discharge.	Price.
Pump complete. Outfit B.	1½ inch.	2 ft., ¾ inch Pipe and Brass Strainer.	12½ ft., ½ inch Hose with "Bordeaux" Nozzle and Pole Connection.	\$9.50

Barrel Cart — Fig. 650. For Prices see page 109.

THE "SUCCESS" BRASS SPRAY PUMP. Fig. 659.

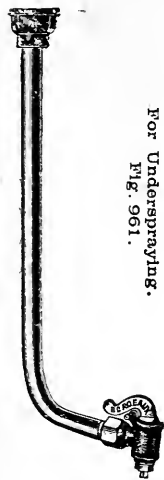
The annexed cut represents a new and very useful Pump for use in gardens, vineyards, greenhouses, orchards, and for washing windows and buggies; and for spraying poultry houses.

PRICE LIST.

Fig. 659, "Success" Pump, with Bordeaux Nozzle (Fig. 965) . . . \$4.50

THE "BORDEAUX" SPRAY NOZZLE. (Fig. 965.)

The "Bordeaux" Nozzle is one of the simplest and best spraying Nozzles on the market. It throws a fine fan-shaped spray and is readily de-gorged by turning the cock handle. It will also throw a solid stream, or it may be shut off altogether. It can be used with any of our spray Pumps. Price, for both ¼ inch pipe and ½ inch hose, as per cut or with Fig. 966, \$1.00.



For Underspraying.
Fig. 961.



Fig. 966.

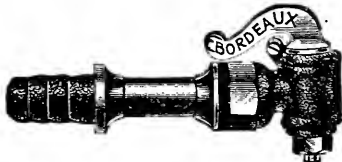


Fig. 965.



Fig. 971.



Fig. 659.

COMBINATION HOSE COUPLING (Fig. 966.)

Fig. 966 represents a brass Hose Coupling that will be attached to our Spray Nozzle when so ordered instead of the hose stock, as shown with Bordeaux Nozzle, Fig. 965. Price, as per cut, 25 cts.

EXTENSION POLE BRASS CONNECTION (Fig. 971).

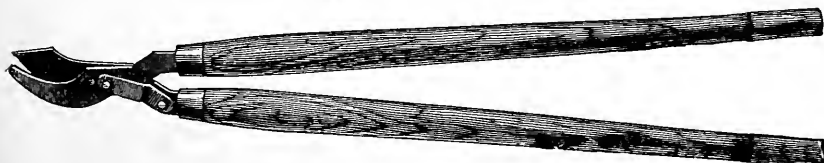
Any of our Spray Nozzles may be attached to this "Connection," to which a stick or pole is fastened. For convenience in handling, the hose may be tied to the pole. Price, as shown in cut, 75 cts.

BENT BRASS EXTENSION WITH BORDEAUX NOZZLE,

Fitted for both hose coupling and ¼ inch pipe, so that any of our hose connections may be used with it. Price, complete, with Bordeaux Nozzle, each \$2.50; Price, Brass Extension only, less Bordeaux Nozzle, each \$1.25.

We issue a complete 20-page Catalogue of Spray Pumps, Nozzles and Appliances, with Recipes for Insecticides, etc., sent by mail on application; also, a special illustrated Treatise on insects and Fungi, and methods for exterminating same, entitled, "SPRAYING CROPS," a book of 130 pages, sent by mail on receipt of 25 cts.

THE CELEBRATED DRAW CUT PRUNING SHEARS.



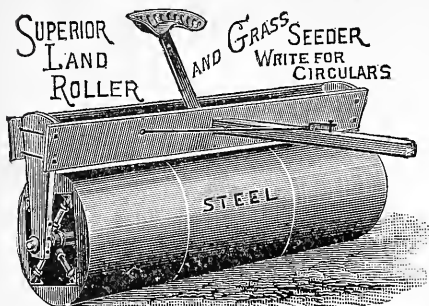
The most powerful and easiest working pruners ever made. Every pair fully warranted. The largest limbs the shears will receive, about 2½ inches, are cut as easily as ½ inch with other makes.

No. 1, with handles 25 inches long, per pair, \$3.00.

No. 2, with handles 22 inches long, per pair, \$2.50.

See Special Offers on third page of cover.

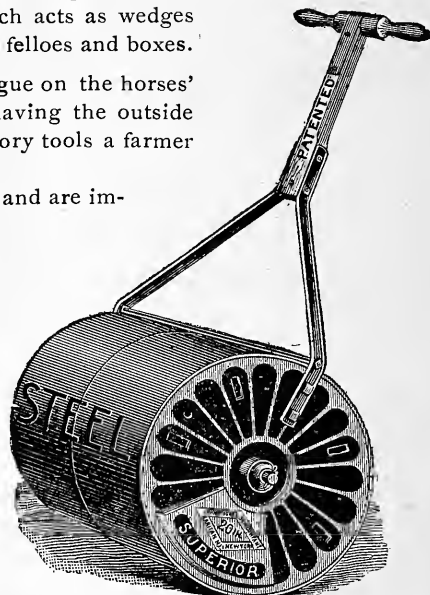
SUPERIOR STEEL FIELD AND LAWN ROLLERS.



An easy spring seat adjusted to counteract the weight of the tongue on the horses' necks, nice adjustment of bearings, with the flexibility secured by having the outside pulleys loose upon the arbor, makes this one of the most satisfactory tools a farmer can use.

Horse and hand Lawn Rollers have come into quite general use, and are im-

portant if a really fine lawn is expected. Not only in putting down a lawn is the Roller important, but frequent use should be made of them in the Spring as the frost is leaving the ground, and after heavy rains in the Summer. In no other manner can a smooth, compact surface be maintained, and what is called "bunching" be prevented.



STEEL HORSE LAWN ROLLER.

HAND STEEL LAWN ROLLER.

STEEL LAWN ROLLERS FOR HAND USE.

1 section, 20 x 20, 250 lbs.	\$15.00	\$13.50
2 " 10 x 20, 250 "	15.00	13.50
2 " 12 x 20, 300 "	18.00	16.20
2 " 12 x 24, 350 "	21.00	18.90

* These Rollers can be weighted to three times the above figures.

STEEL FIELD ROLLERS.

6 ft. with shafts, weight 550*	\$35.00	\$30.00
6 ft. with pole " 550*	35.00	30.00
7 ft. with pole " 600*	40.00	35.00
8 ft. with pole " 700*	45.00	40.00

STEEL LAWN ROLLERS FOR HORSE POWER.

4 ft. with shafts, weight 400*.	\$30.00	\$25.00
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* Can be weighted to 1200.

CIRCULARS MAILED ON APPLICATION.

"STAR" WAGON AND CARRIAGE JACKS.

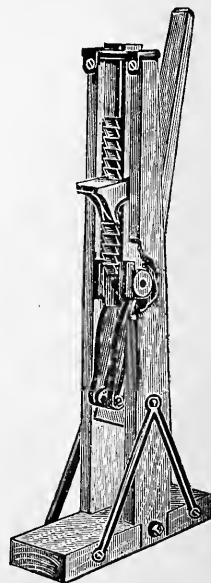
Washing and Oiling of Vehicles of all kinds made Easy.

- No. 1. Weight, Complete, 15 Pounds. Will raise a wheel $1\frac{3}{4}$ inches on a truck weighing 5,000 lbs. It is adapted for all kinds of heavy trucks, vans, express wagons, etc., etc. Price \$1.50
- No. 2. Weight, Complete, 11 Pounds. Will raise a wheel $1\frac{3}{4}$ inches on a truck weighing 2,500 lbs. This size is used for medium-weight wagons, trucks and carriages. Price 1.25
- No. 3. Weight, Complete, $7\frac{1}{2}$ Pounds. Will raise a wheel $1\frac{1}{2}$ inches on a truck weighing 1,500 lbs. It is adapted for all light carriages, business and farm wagons. Price 1.00

THE MERITS OF THESE JACKS CONSIST OF:

1. A Perpendicular lift with lifting bar guided both top and bottom.
2. Longer handle with same fulcrum.
3. The Star Jack will raise with ease and safety and lower by one motion of the handle. No dropping of a wagon as found in Ratchet Jacks.
4. It is thoroughly braced and compact in construction, with iron joints and all parts interchangeable.

See Special Offers on third page of cover.





NICOTIANA.



SINGLE HIBISCUS.



MIGNONETTE.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
LOBELIA.	Erinus Compacta Oculata , dark blue, with white eye	hhA	1/2		.05
"	" Crystal Palace , compact growth, with rich blue flowers	"	1/2	1.50	.10
"	" Gracilis , celestial blue	"	1/2		.05
"	" Emperor William , compact variety, sky-blue flowers	"	1/2		.10
"	" Paxtoniana , pure white, with sky-blue belt	"	1/2		.10
"	" Prima Donna , flowers velvety maroon	"	1/2		.05
"	Ramosa Compacta , dark blue, compact	"	1/2		.05
"	" Alba , pure white	"	1/2		.05
"	Cardinalis Queen Victoria , brilliant scarlet	hP	2		.15
"	" Hybrida , mixed, all colors	"	3		.10
LOPHOSPERMUM.	<i>See Climbers,</i>				
LOVE IN A MIST.	<i>See Nigella.</i>				
LOVE LIES BLEEDING.	<i>See Amaranthus Caudatus.</i>				
LUNARIA.	(Honesty.) Splendid border plants; its seed-pods are valuable for winter bouquets; flower purple	hA	2		.05
LUPINUS.	A splendid genus of ornamental, beautiful, and free-flowering garden plants, with long, graceful spikes of pea-shaped blossoms.				
"	Affinis , blue, white, and purple	"	1/2		.05
"	Albo Coccineus , rich, rosy red half way of the spike, then pure white to the apex	"	1		.05
"	Nanus , dwarf blue, very fine, extra for bedding	"	1		.05
"	Polyphyllus , mixed, blue and white	hP	3		.05
"	Annual , mixed, variety of colors	hA	var	.30	.05
LYCHNIS.	A genus of handsome and highly ornamental plants of easy culture; strikingly effective in mixed flower and shrubby borders.				
"	Chalcedonica , scarlet	hP†	2		.05
"	Fulgens , bright orange scarlet	"	1		.10
"	Haageana Hybrida , mixed, brilliant orange scarlet, crimson, etc.	"	1		.05
LYTHRUM.	Profuse-flowering plant, with rosy purple flowers.				
"	Roseum Superbum (see above description)	"	1 1/2		.05
MALOPE.	Handsome plants, of a branching habit, producing their large flowers in great profusion; very effective in mixed borders.				
"	Grandiflora Purpurea , purple	hA	2		.05
"	" Alba , white	"	2		.05
MALCOMIA.	(Virginian Stock.) Profuse-flowering plants, effective in beds, baskets, or in edgings.				
"	Mixed	"	1		.05
MALVA or MALLOW.	Showy and free-flowering border-plants, succeeding in any common garden soil.				
"	Crispa (Curled Mallow), ornamental foliage, tall	hP	2 1/2		.05
MARTYNIA.	Handsome, free-flowering plants, flowers as large and handsome as Gloxinias, succeeded by curious, double-horned fruit.				
"	Mixed colors	hhA	1 1/2		.05
MARIGOLD.	<i>See Tagetes and Calendula.</i>				
MARGUERITE.	<i>See Chrysanthemum Frutescens.</i>				
MARVEL OF PERU.	<i>See Mirabilis.</i>				
MATHIOLA.	(Stocks or Gillyflower.) One of the popular, beautiful, and important garden favorites, for bedding, massing, edging, ribboning, or pot culture. It is unsurpassed either for brilliancy and diversity of color, or profusion and duration of bloom.				
"	German Dwarf, Ten Weeks , bright colors, mixed	"	1 1/4		.05
"	" large Flowering, Ten Weeks, Bright Crimson	"	1 1/4		.10
"	" " " " Deep Red	"	1 1/2		.10
"	" " " " Canary Yellow	"	1 1/2		.10
"	" " " " Pure White	"	1 1/2		.10
"	" " " " Light Rose	"	1 1/2		.10

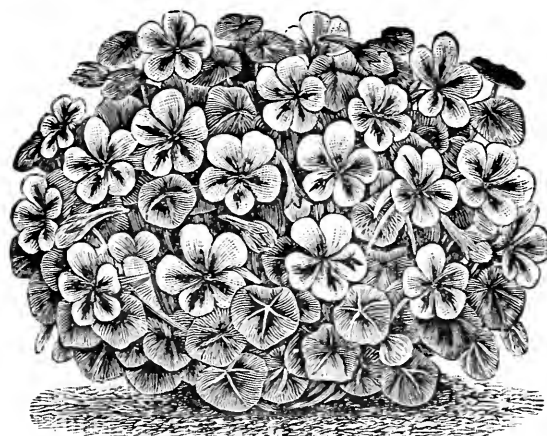
See Special Offers on third page of cover.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
MATHIOLA.	German Large Flowering, Ten Weeks, Mixed varieties, extra fine . . .	hhA	var		.10
"	Early Autumn Flowering or Intermediate, finest mixed, all colors . . .	"	2		.10
"	East Lothian or Autumn, choice mixed . . .	"			.15
"	Emperor or Perpetual, finest mixed . . .	hhB	2		.10
"	Winter or Brompton, extra mixed . . .	"	2		.10
"	Bicornos. (Evening Scented Stock) . . .	hhA	½		.05
MATRICARIA.	(Double Feverfew.) Handsome, free-flowering ornamental plants, fine for bedding or pot culture.				
"	Capensis, dwarf, double, white, very fine . . .	hA	¾		.05
"	Exima Grandiflora, an improved pure white variety, very double . . .	"	1		.05
"	" " Nana, fl. pl., a dwarf variety, with double white flowers, useful for bouquets . . .	"	½		.05
MAURANDYA.	<i>See Climbers.</i>				
MESEMBRYANTHEMUM.	A brilliant and profuse-flowering tribe of dwarf-growing plants, effective in beds, edgings, rock-work, rustic baskets, or vases in warm, sunny situations; fine for pot culture.				
"	Crystallinum (Ice Plant), prized for its peculiar glistening foliage, white . . .	hhA	trai		.05
"	Tricolor (Dew Plant), rose, purple centre . . .	"	¼		.05
"	Fine mixed, all colors . . .	"	var		.05
"	Album, white . . .	"	½		.05
MICHAELMAS DAISY.	<i>See Perennial Aster.</i>				
MIGNONETTE.	<i>See Reseda.</i>				
MIMOSA.	(Sensitive Plant.) Very curious and interesting plant, its leaves closing if touched or shaken.				
"	Pudica . . .	"	1½	.60	.05
MIMULUS.	(Monkey Flower.) A genus of extremely handsome, profuse-flowering plants, with singularly shaped and brilliantly colored flowers.				
"	Cardinalis, mixed, all colors . . .	hPt	1		.10
"	Cupreus Duplex (Hose in Hose), double tiger spotted . . .	"	1		.15
"	" Nanus, richly marked, bright colored flowers . . .	"	1		.10
"	Moschatus (Musk), sweet-scented, yellow flowers . . .	"	½		.10
"	Roezlii, bright yellow, spotted with crimson, fine for bedding . . .	hA	1		.15
"	Tigrinus Grandiflorus, mixed, beautifully spotted, all colors . . .	hhPt	1		.10
MIRABILIS.	(Marvel of Peru or Four O'Clock.) Few plants combine so much beauty, both of foliage and flowers, as this handsome genus: the roots may be preserved through the winter.				
"	White, sweet-scented . . .	"†	2		.05
"	Fine Mixed . . .	"	2	.30	.05
MOLUCELLA.	(Molucca Balm.) A singular plant, with square stems spreading and curling upward like the arms of a candelabrum, which end in tufts of bright leaves and tiny cups of pea-green color, veined with whitish green; within the calyx a button-shaped bud appears, which unfolds into a flower formed like a shell, of a white and purple color, very curious.				
"	Lævis (Shell Flower) . . .	hA	1		.05
MOMORDICA.	<i>See Climbers.</i>				
MONKEY FLOWER.	<i>See Mimulus.</i>				
MONKSHOOD.	<i>See Aconitum.</i>				
MORNING GLORY.	<i>See Climbers.</i>				
MOURNING BRIDE.	<i>See Scabiosa.</i>				
MORNING GLORY, DWARF.	<i>See Convolvulus Tricolor.</i>				
MUSK.	<i>See Mimulus Moschatus.</i>				
MYOSOTIS.	(Forget-Me-Not.) Charming little plants, very popular, producing their beautiful, star-like flowers in great profusion; invaluable for spring garden decoration.				
"	Alpestris, mixed . . .	hPt	1		.05
"	" Alba . . .	"	1		.10
"	" Cærulea, bright blue . . .	"	¼		.10
"	Azorica, blue, shaded purple . . .	hA	1		.15
"	" Alba, pure white . . .	"	1		.10
"	Palustris, blue, with white eye . . .	hPt	½		.10
"	Palustris Semperflorens, dwarf, a beautiful azure-blue, continues in bloom until frost; does well in moist and shady situations . . .	"	¼		.05
"	Palustris Semperflorens Alba, white . . .	"	¼		.15
"	" Mixed . . .	"	¼		.10
MYRSIPHYLLUM.	<i>See Seeds for Greenhouse.</i>				
NASTURTIIUM, DWARF.	<i>See Tropæolum Nanum.</i>				
NASTURTIIUM, TALL.	<i>See Climbers.</i>				
NEMESIA.	One of the prettiest free-blooming plants, adapted for beds, edgings, rock-work, or pot culture.				
"	Finest Mixed Varieties . . .	hA	¾		.05
NEMOPHILA.	Charming dwarf-growing annuals, with neat, compact habit of growth, and colors strikingly beautiful.				
"	Best Varieties, mixed . . .	"	1	.30	.05
NEW ZEALAND PAMPAS GRASS.	<i>See Ornamental Grasses, page 78</i>				

See Special Offers on third page of cover.



NIGELLA DAMASCENA.



NASTURTIIUM (Lady Bird).

NAME.	DESCRIPTION.	HARD AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
NICOTIANA.	A family of ornamental foliated plants of stately habit, one of which is the ubiquitous Tobacco Plant.				
"	<i>Affinis</i> , deliciously scented, large, white tubular flowers, in full beauty morning and evening	hhA	3		.05
"	<i>Decurrens</i> , pure white, very sweet-scented	"	2		.05
"	<i>Atropurpurea Grandiflora</i> , reddish purple flowers, very ornamental.	"	4		.05
NIEREMBERGIA.	Charming little plants, which flower profusely during the whole summer; well adapted for hanging baskets and edgings.	"	1		.05
"	<i>Frutescens</i> , lilac, very free-flowering	"	1		.05
"	<i>Gracilis</i> , light blue, fine for groups	"	1		.05
NIGELLA.	(Love-in-a-Mist, or Devil-in-the-Bush.) Compact-growing, free-flowering plants, with curious looking, showy flowers and finely-cut foliage.				
"	Mixed	hA	3/4		.05
NOLANA.	An extremely beautiful, free-flowering genus of trailing plants, fine for rock-work, hanging-baskets, old stumps, etc.				
"	Mixed Varieties	hA	1/2		.05
NYCTER. NIA.	Neat, compact little plants, covered with pretty, sweet-scented, star-shaped flowers, valuable for edgings, rockeries, stumps or small beds.				
"	<i>Capensis</i> , white, with bright yellow centre	hhA	1/2		.05
"	<i>Selaginoides</i> , pink, yellow centre	"	1/2		.05
OROBUS.	Beautiful, showy plants, with pea-shaped flowers.				
"	Mixed, red, white, blue, yellow, etc.	hP	var		.05
OXALIS.	A splendid class of plants with brilliantly-colored flowers and dark foliage, suitable for rock-work or hanging baskets.				
"	<i>Rosea Alba</i> , white, very fine	tP†	1/2		.10
"	" <i>Delicata</i> , salmon-rose, handsome	"	1/2		.10
"	<i>Tropæoloides</i> , deep yellow, brown leaves; a very interesting variety, excellent for ribbon-bedding	"	1/2		.10
"	Mixed	"	1/2		.10
PAMPAS GRASS.	See Ornamental Grasses,				
PAPAYER.	(Poppy.) A genus of showy, free-flowering plants, producing a rich effective display in large mixed borders.				
"	<i>Mikado</i> , scarlet and white, petals curled and fringed	hA	1		.10
"	<i>Shirley</i> , white, through delicate shades of pink to crimson	"	1 1/2		.25
"	<i>Mephisto</i> , scarlet, with black spots	"	2		.05
"	<i>Alpinum</i> , Mixed, a charming species, resembling <i>P. Nudicaule</i> , but dwarfer	"	1/2		.05
"	<i>Bracteatum</i> , red, marked at the base of each petal with a black spot	hP	4		.05
"	<i>Croceum</i> , orange-yellow, the petals being curiously purled at the edges, very pretty.	"	1		.05
"	<i>Danebrog</i> (Danish Flag), scarlet, with a white spot at the base of each petal; brilliant	hA	2	.50	.10
"	<i>Nudicaule</i> (Iceland Poppy), yellow, large and showy; splendid Alpine	hP	1	1.00	.10
"	<i>Orientele</i> (Oriental Poppy), dark scarlet, with a purple spot at the base of each petal; large and showy; flowers 6 in. diameter	"	2	1.00	.10
"	<i>Pavoninum</i> , scarlet, with a black horseshoe-shaped blotch at the base of each petal; very handsome new Poppy.	hA	1		.25
"	<i>Double Carnation</i> , Mixed, handsome and well-known species, with double flowers of various colors	"	2		.05
"	<i>Double Ranunculus</i> , Mixed, an ally of the preceding; very fine	"	2	.30	.05
"	<i>Double Pæony</i> , large double Pæony-shaped flowers; very handsome	"	2	.30	.05
"	<i>Victoria Cross</i> , rich, vermilion-crimson, with a white spot at base of petals	"	1 1/2		.10
"	<i>Umbrosum</i> , immense flowers of a brilliant crimson, with a large black blotch at the base of each petal, very showy	"	1/2		.10

See Special Offers on third page of cover.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
PAPAYER. <i>Somniferum</i> (Opium), white		hA	3		.05
PARIS DAISY. <i>See Chrysanthemum Frutescens.</i>					
PASSIFLORA. <i>See Climbers,</i>					
PASPALUM. <i>See Ornamental Grasses,</i>					
PELARGONIUM. <i>See Seeds for Greenhouse,</i>					
PENSTEMON. Bell-shaped flowers borne in racemes or spikes. Splendid bedding plants.					
" Very choice mixed, saved from a collection of the finest named sorts . . .		hhP	2-3		.05
PENNISETUM. <i>See Ornamental Grasses,</i>					
PERILLA. Ornamental-foliaged plants for flower-garden decoration.					
" <i>Nankinensis</i> , leaves deep mulberry or purplish black		hhA	1½		.05
" " <i>Atropurpurea Foliis Laciniatis</i> , the foliage regularly fringed and toothed		"	1½		.05
PERIWINKLE. <i>See Seeds for Greenhouses,</i>					
PETUNIA. A profuse-flowering and easily cultivated favorite; effective and beautiful in beds.					
" <i>Nyctaginiflora</i> , white, fragrant		hA	1½	1.00	.05
" Fine Mixed, splendid varieties		"	1½		.05
" Extra Mixed, choice, all colors		"	1½		.10
" <i>Belle Etoile</i> , mixed, large-flowered strain of striped and blotched		"	2		.10
" Countess of Ellesmere, rose, with white throat, pretty		"	2		.05
" Dwarf Inimitable, splendid dwarf variety, seldom exceeding six inches in height; plants become literally covered with regularly striped flowers, and are exceedingly effective		"	½		.25
" <i>Hybrida Grandiflora</i> , extra choice mixed, choice varieties, large flowers, all colors mixed		"	2		.25
" " <i>Superbissima</i> , large and distinct, with tigered throats		"	1½		.25
" " Double Striped and blotched, choicest mixed. This strain is saved from carefully fertilized flowers, and will produce a large percentage of doubles, while such plants as are single are marvels of beauty in colors and markings		hhA	2		.50
" " " Lilliput Choicest Mixed, compact growth, with spotted, striped, and self-colored double flowers		"	1		.25
" " " Fringed Choice Mixed, for richness and delicacy of tint this variety is unsurpassed		"	2		.50
PHACELIA. Showy plants with <i>Whitlavia</i> -like flowers; excellent for bees.					
" <i>Campanularia</i> , bright blue		hA	1		.05
" <i>Tanacetifolia</i> , blue		"	1½		.25
PHASEOLUS. <i>See Climbers,</i>					
PHEASANT'S-EYE PINK. <i>See Dianthus Plumaris.</i>					
PHLOX. These flowers are of extreme beauty, and are greatly admired by all; their long duration in bloom, combined with their unequalled richness of color, renders them of invaluable service in the flower garden.					
" <i>Drummondii Fimbriata</i> , fringed petals, many shades of color, with white eye		"	1½		.15
" " <i>Cuspidata</i> , many-colored, star-shaped flowers		"	1½		.15
" " <i>Grandiflora</i> , mixed. The flowers of this class are very large and perfectly formed; invaluable for bedding purposes		"	1½	.75	.05
" " <i>Alba</i> , pure white		"	1½		.10
" " <i>Oculata</i> , white, with purple eye		"	1½		.10
" " <i>Atropurpurea</i> , dark purple		"	1½		.10
" " <i>Striata</i> , striped		"	1½		.05
" " <i>Coccinea</i> , rich, brilliant scarlet		"	1½		.05
" " <i>Isabellina</i> , light yellow		"	1½		.10
" " <i>Nana Compacta</i> , Snowball, pure white		"	1		.15
" " " Fireball, crimson-scarlet		"	1		.15
" <i>Decussata</i> , saved from the choicest mixed; extra fine		hP	2		.15
" " <i>Nana</i> , dwarf varieties, choice		"	2		.10
PINK. <i>See Dianthus.</i>					
POA. <i>See Ornamental Grasses,</i>					
POLEMONIUM. (<i>Jacob's Ladder.</i>) With large heads of flowers, suitable for borders.					
" <i>Cæruleum</i> , blue		"	1½		.05
POPPY. <i>See Papaver.</i>					
PORTULACA. Brilliant and delicate colors; in baskets, small beds, edgings, or rock-work, its large, splendid flowers are extremely effective.					
" Single Mixed, choice colors		hA	½		.05
" <i>Grandiflora</i> , fl. pl., selected from large double flowers of the most beautiful and brilliant colors, producing a large proportion of double flowers of unsurpassed beauty; mixed colors		"	½		.15
POTENTILLA. Handsome plants, exceedingly ornamental in mixed flower borders, lasting a long time in bloom.					
" Double, choice varieties, mixed		hP	1		.15
" Single, finest mixed		"	1½		.05
PRIMULA. (<i>Primrose.</i>) Well-known garden favorites of great beauty, succeeding best in a northern aspect; protect the plants during winter with an inverted sod.					
" <i>Auricula Alpina</i> , various colors		"	½		.10
" <i>Veris</i> (<i>Polyanthus</i>), early-blooming, dwarf-growing plants, valuable for beds or pot culture		"	1		.15
" <i>Cowslip</i>		"	1		.15

See Special Offers on third page of cover.



RHODANTHE.



SANVITALIA.



SALVIA.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'GT FT.	PRICE PER OZ.	PRICE PER PKT.
PRIMULA.	Mixed, all colors, beautifully laced or blotched	hP†	1		.10
"	Vulgaris, yellow, common English Primrose	"	1		.10
"	Japonica (Japanese), mixed, all colors <i>See also Seeds for Greenhouse,</i>	"	2		.10
PRINCE'S FEATHER.	<i>See Amaranthus Cruentus.</i>				
PRICKLY POPPY.	<i>See Argemone.</i>				
PYRETHRUM.	(Feverfew.) Highly ornamental plants, producing a fine effect in mixed flower and shrubbery borders.				
"	Aureum (Golden Feather), golden foliage, invaluable for bedding purposes	"	1	1.50	.10
"	Selaginoides, a valuable variety for beds or borders	"	1/2		.10
"	Golden Gem, double white flowers, foliage brightest yellow, fine for beds	"	1		.10
"	Hybrid Single, saved from an extra fine collection	"	2		.10
"	Double, a choice strain, large proportion double flowers	"	2		.10
QUAKING GRASS.	<i>See Ornamental Grasses,</i>				
RAGGED ROBIN.	<i>See Lychnis.</i>				
RANUNCULUS.	Brilliant, showy flowers.				
"	Asiaticus Superbissimus, various colors	hhP	1		.15
RED HOT POKER PLANT.	<i>See Tritoma.</i>				
RESEDA.	(Mignonette.) A well-known fragrant favorite, which produces a pleasing contrast to the more showy occupants of the garden.				
"	Golden Queen, distinct, with large spikes of golden yellow blossoms	hA	1		.10
"	Miles' Hybrid Spiral, profuse-blooming, very fragrant, splendid for pot culture	"	1		.10
"	Parson's White, distinct, delightfully fragrant variety, highly recommended	"	1		.10
"	New Giant, compact grower, yielding a profusion of immense spikes of fragrant flowers; the best for bee keepers	"	1		.05
"	Giant White Spiral, white, fine spikes, fragrant	"	1		.10
"	Odorata (Sweet), very fragrant	"	1	.15	.05
"	Machet, well adapted for pot culture, dwarf, pyramidal growth, flowers red	"	1		.10
"	The Prize, extra large compact spike, deliciously fragrant	"	1	.40	.10
RHODANTHE.	<i>See Everlastings,</i>				
RICINUS.	(Castor Oil Plant.) Magnificent and highly ornamental genus of stately growth, with picturesque foliage.				
"	Borboniensis Arboreus, violet	hhA	15		.05
"	Cerulescens, bluish-green, very fine	"	6		.10
"	Gibsoni, foliage deep red, very attractive	"	5		.10
"	Sanguineus (Obermanii), splendid red fruit in clusters, very ornamental, producing a grand effect	"	10		.10
"	Philippinensis, gigantic foliage	"	10		.10
"	Fine Mixed Varieties	"	var	.30	.05
ROSE OF HEAVEN.	<i>See Agrostemma Cæli Rosea.</i>				
ROSE CAMPION.	<i>See Agrostemma Coronaria.</i>				
SABBATIA.	Very ornamental plants, suitable for borders.				
"	Campestris, rose and yellow	hA			.10
SALPIGLOSSIS.	Useful plants for autumn decoration; curiously pencilled and marbled funnel-shaped flowers, effective in beds, borders, edgings, and ribbons.				
"	Choice Mixed, tall	hhA	2	2.00	.05
"	Dwarf Varieties	"	1	2.00	.05
SALVIA.	(Flowering Sage.) Magnificent bedding plants, loaded with spikes of scarlet flowers.				
"	Coccinea Splendens, scarlet	hhP	2		.10
"	Argentea, silvery foliage, white flowers	hP†	3		.10
"	Coccinea Hybrida, intense scarlet	tA	2		.05
"	Greggi, crimson	tP	2 1/2		.15
"	Patens, deep blue, superb	tP†	2		.20
"	Rœmeriana, deep crimson	tA	1		.05

See Special Offers on third page of cover.

NAME.	DESCRIPTION.	HARD- AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
SANVITALIA.	Dwarf-growing, free-flowering plants, blooming all summer; suitable for beds or rock-work.				
"	Procumbens , fl. pl., flowers double yellow; a profuse bloomer	hA	½		.05
SAPONARIA.	Charming little plants, flowering all the season; splendid for beds or ribbon borders.				
"	Fine Mixed , all colors	"	½		.05
SCABIOSA.	(Mourning Bride.) Handsome plants for mixed borders, flowers beautifully variegated; valuable for bouquets.				
"	Candidissima plena , double, white, useful for florists	"	1		.05
"	Atropurpurea , double velvety dark-purple	"	2		.05
"	Nana , fl. pl., double dwarf, brilliant colors, mixed	"	1		.05
"	Finest Mixed , all colors, large-flowered	"	var	.60	.05
SCHIZOPETALON.	Delicately fringed flowers, deliciously fragrant, valuable for bouquets.				
"	Walkeri , white, almond-scented	"	½		.05
SCHYPHANTHUS.	<i>See Climbers.</i>				
SEDUM.	(Stonecrop.) Pretty little plants, growing freely on rock or rustic work; where they flower in great profusion.				
"	Cœruleum , blue	"	¼		.10
"	Fine Mixed	"	¼		.05
SENICIO.	(Jacobæa.) A useful and exceedingly showy class of gay-colored, profuse-blooming plants of easy culture, splendid for rock-work or beds.				
"	Elegans , fl. pl., fine, tall, double, all colors mixed	"	1		.05
"	Nana , fl. pl., dwarf, compact growth	"	½		.05
SENSITIVE PLANT.	<i>See Mimosa.</i>				
SHELL FLOWER.	<i>See Molucella.</i>				
SILENE.	(Catchfly.) Ornamental, free-flowering plants, with bright and beautifully colored flowers, suitable for beds, borders, or ribbon gardening.				
"	Armeria , mixed, all colors	hA	1	.40	.05
"	Pendula	"	1		.05
"	Mixed	"	½		.05
"	fl. pl.	"	½		.05
"	Mixed	"	½		.05
SNAPDRAGON.	<i>See Antirrhinum.</i>				
SNOW ON THE MOUNTAIN.	<i>See Euphorbia.</i>				
SOLANUM.	Ornamental fruit-bearing plants.				
"	Capsicastrum , orange fruit, excellent for decorative purposes	tP	2		.10
"	Wetherill's Hybrids , splendid for table decoration	tA	2		.10
SPERGULA.	An excellent class of plants for edgings, rock-work, or carpet beds.				
"	Pilifera Aurea , golden yellow	hP	¼		.10
SPHENOGYNE.	Free-flowering border plant, suitable for ribbon borders or rock-work.				
"	Speciosa , bright yellow	hA	1		.05
SPRAGUEA.	Amaranthus-like flowers; extremely graceful and beautiful, very effective as an edging, or for rock-work.				
"	Umbellata , white, shaded and spotted purple	hhA	¾		.25
SQUIRREL TAIL GRASS.	<i>See Ornamental Grasses.</i>				
STACHYS.	Valuable for edgings or ribbon borders.				
"	Lanata , silver-leaved	hP	½		.05
STATICE.	Very free-flowering; the flowers are valuable for winter bouquets.				
"	Incana Nana , finest mixed, dwarf	"	1		.10
STELLARIA.	An excellent bedding plant, suitable for edgings or borders.				
"	Graminea Aurea , golden-leaved	hhP	¾		.15
STEVIA.	<i>See Seeds for Greenhouse.</i>				
STIPA.	<i>See Ornamental Grasses.</i>				
STOCKS.	<i>See Matthiola.</i>				
STONECROP.	<i>See Sedum.</i>				
SUNFLOWER.	<i>See Helianthus.</i>				
SWAN RIVER DAISY.	<i>See Brachycome.</i>				
SWEET ALYSSUM.	<i>See Alyssum Maritimum.</i>				
SWEET PEA.	(<i>Lathyrus.</i>) <i>See Climbers.</i>				
SWEET WILLIAM.	<i>See Dianthus Barbatus.</i>				
SWEET ROCKET.	<i>See Hesperis.</i>				
TACSONIA.	<i>See Seeds for Greenhouse.</i>				
TAGETES.	(Marigold.) Free-flowering plants, with handsome double flowers of rich and beautiful colors.				
"	Erecta Tall Orange , rich yellow	hhA	2		.05
"	" Lemon , sulphur, fine double	"	2		.05
"	" Orange Quilled , orange, brown, and yellow	"	2		.05
"	" Lemon " sulphur, petals quilled	"	2		.05
"	" El Dorado , yellow	"	2		.10
"	" Finest Double , mixed, all colors	"	var	.40	.05
"	Patula Tall Double French , fine mixed	"	2	.50	.05
"	" Dwarf Double French , finest mixed	"	1	.50	.05
"	" Striped , extra	"	1		.05
"	Signata Pumila , bright, yellow-striped, brown	"	1		.05
"	" Golden Ring , rich orange, of compact growth	"	1		.05
"	Cloth of Gold , golden yellow	"	1		.05

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SWEET WILLIAM.



VIOLA ODORATA.



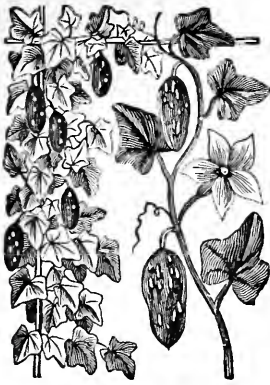
WHITLAVIA.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
TASSEL FLOWER.	<i>See Calceola.</i>				
THUNBERGIA.	<i>See Climbers,</i>				
TORENIA.	Valuable class of plants for vases or hanging baskets.				
"	Fournieri, sky-blue flowers, with three spots of dark blue and bright yellow centre,	tA	I		.20
THRIFT.	<i>See Armeria.</i>				
TRICHOLOENA.	<i>See Ornamental Grasses,</i>				
TRICOSANTHES.	<i>See Climbers,</i>				
TRIFOLIUM.	(Sweet-scented Clover.) Very pretty, and of easy culture.				
"	Sauveolens, white	hA	2		.05
TRIPSACUM.	<i>See Ornamental Grasses,</i>				
TRITOMA.	(Red Hot Poker Plant.) The flowers are produced in large spikes of orange-tinted flower tubes; magnificent.				
"	Uvaria Grandiflora (see above description)	hhP	3		.15
TRITONIA.	Dwarf-growing, bulbous plants, with tubular shaped flowers.				
"	Aurea, beautiful orange-colored flowers	"	1/2		.20
TROLLIUS.	Suitable for beds or mixed borders.				
"	Mixed, all colors	hP	1 1/2		.10
TROPÆOLUM NANUM.	(Nasturtium Dwarf.) One of the most beautiful and useful plants, invaluable for bedding, massing, or ribboning, of close, compact growth, with rich-colored flowers.				
"	Tom Thumb Beauty, yellow, flushed with vermilion	hA	I		.05
"	Cerulea Rosea, beautiful peach	"	I		.05
"	Crimson	"	I		.05
"	Crystal Palace Gem, sulphur, spotted mauve	"	I		.05
"	Golden King, golden yellow	"	I		.10
"	King of Tom Thumbs, intense scarlet, dark bluish-green foliage,	"	I		.10
"	Ruby King, brilliant carmine, very fine	"	I		.10
"	Empress of India, splendid new dark-leaved variety, with crimson flowers	"	I		.10
"	King Theodore, new variety, dark green foliage, flowers almost black	"	I		.10
"	Lady Bird (Bird Flower), orange, red spots	"	I		.10
"	Pearl, creamy white	"	I		.05
"	Rose, very desirable	"	I		.05
"	Scarlet	"	I		.05
"	Spotted	"	I		.05
"	Yellow	"	I		.05
"	Fine Mixed, from above varieties	"	I	.25	.05
TROPÆOLUM MAJUS.	<i>See Climbers,</i>				
TRUMPET FLOWER.	<i>See Datura.</i>				
TRUMPET VINE.	<i>See Climbers,</i>				
UMBILICUS.	A genus of interesting plants, valuable for rock-work, edgings, and borders.				
"	Sempervivum, blood-red flowers	hhA	1/2		.25
UNIOLA.	<i>See Ornamental Grasses,</i>				
VALERIANA.	Showy plants for mixed borders or shrubberies, bearing large, bright flowers.				
"	Mixed, all colors	hP	2		.05
VENIDIUM.	Fine for borders, edgings, or rock-work.				
"	Calendulaceum, golden-yellow, daisy-like flowers	hA	I		.05
VENUS-LOOKING-GLASS.	<i>See Campanula Speculum.</i>				
VERBENA.	One of the best bedding plants in cultivation, unrivalled in the splendor of its dazzling brilliancy of flower; constant bloomer; if grown from seed, has a sweet fragrance.				
"	Hybrida Auriculiflora, choice mixed varieties, with white centre	hhP†	I		.25
"	Compacta Candidissima, immense trusses of pure white flowers	"	1/2		.15
"	Coccinea, scarlet	"	1/2		.15

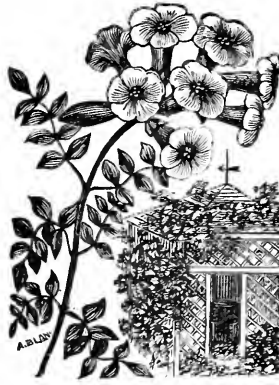
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NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
VERBENA.	Hybrida Cœrulea , beautiful blue, constant	hhP†	1		.15
"	" Defiance , beautiful, rich scarlet	"	1		.15
"	" Italian Striped , mixed	"	1		.15
"	" Coccinea , brilliant scarlet	"	1		.15
"	" Lutea , yellow	"	1		.15
"	" Choice Mixed	"	1		.15
"	" Fine Mixed	"	1	1.50	.10
"	Aubletia , reddish purple	hB†	1		.05
"	Montana , a perfect gem; the plant literally covers itself during the summer with its bright, rose-colored flowers; perfectly hardy	hP	1		.05
"	Teucroides Odorata , fine white, fragrant	hhP†	1		.05
"	Venosa , violet purple; good bedding plant; trailer	"	1		.05
VERONICA.	Showy plants for pot culture, rock-work, or the open border.				
"	Perennial , mixed, all colors	hP	2		.10
VINCA.	<i>See Seeds for Greenhouse.</i>				
VIOLA.	(Violet.) Well-known plants, suitable for edgings, groups, or mixed borders, and much in demand on account of their fragrance and profusion of bloom.				
"	Cornuta Mauve Queen , extra purple	"	1/2		.10
"	" Magnificent , light blue, very fine	"	1/2		.10
"	" White Perfection , pure white	"	1/2		.10
"	Odorata Semperflorens , blue	"	1/2		.10
"	" Alba , pure white, sweet-scented	"	1/2		.10
"	" The Czar , light violet, very fragrant	"	1/2		.10
"	" White Czar , white, fragrant	"	1/2		.10
VIOLA TRICOLOR.	(Pansy, Heart's-ease.) Nothing can be more effective, whether grown in beds, ribbons, groups, or interspersed among other plants in the border; admirably adapted for pot culture, or the decoration of the conservatory during the winter and spring months.				
"	" Cassier's Superb , most varied and attractive	hP†	1/2		.25
"	" Roemer's Giant , unsurpassed for size and variety of color	"	1/2		.25
"	" Breck's International Prize , a special mixture of the very choicest sorts, only prepared by ourselves	"	1/2		.25
"	" English Fancy , large flowers, beautifully blotched, very attractive	"	1/2		.25
"	" English Show . The flowers of this class are one-colored, and embrace many beautiful shades	"	1/2		.50
"	" Azure Blue , very fine	"	1/2		.10
"	" Trimardeau . The flowers are marked with three large blotches or spots, and are of a size hitherto quite unattained in this genus. The flowers are finely formed, and of the richest shades of color	"	1/2		.50
"	" Bronze , reddish-brown flowers	"	1/2		.10
"	" Cliveden , yellow, purple, magpie, and white, mixed; best for bedding	"	1/2		.10
"	" Emperor William , brilliant blue, with well-defined purple eye, splendid	"	1/2		.10
"	" Faust, or King of the Blacks , densest black Pansy known	"	1/2		.10
"	" Gold Margined , very showy	"	1/2		.10
"	" Golden Yellow , beautiful	"	1/2		.10
"	" Mahogany-color , peculiar shade	"	1/2		.10
"	" Odier or Five-spotted , a distinctly blotched variety of great beauty	"	1/2		.25
"	" Snow Queen , a charming, delicate, satiny-white, slightly tinged with yellow towards the centre; splendid bouquet variety	"	1/2		.10
"	" Striped or Variegated , very showy	"	1/2		.10
"	" White , appropriate for cemeteries	"	1/2		.10
"	" Mixed , from above varieties	"	1/2		.10
"	" Good Mixed	"	1/2		.05
"	" Havana Brown , new shade	"	1/2		.10
"	" Fawn	"	1/2		.15
"	" Lord Beaconsfield , violet, shading to pure white on upper petals	"	1/2		.10
VIRGINIA CREEPER.	<i>See Climbers,</i>				
VIRGIN'S BOWER.	<i>See Climbers,</i>				
VISCARIA.	Pretty, profuse-flowering plants, for beds, ribbons, or mixed borders.				
"	Cardinalis Nana , mixed	hA	1		.05
WAHLENBERGIA.	(Bell Flower.) Handsome, showy plants, with bell-shaped flowers.				
"	Grandiflora , mixed	hP	2		.05
WAITZIA.	<i>See Everlastings,</i>				
WALL FLOWER.	<i>See Cheiranthus,</i>				
WIGANDIA.	A beautiful ornamental plant, with large leaves richly veined, suitable for lawns.				
"	Caracasana	tA	6		.15
"	Imperialis	"	6		.15
WIND FLOWER.	<i>See Anemone,</i>				
WHITLAVIA.	Charming plants, producing bell-shaped flowers in profusion.				
"	Grandiflora , violet-blue	hhP	1		.05
"	" Alba , pure white	"	1		.05
"	Gloxinoides , tube of corolla pure white, lines of a delicate light blue	"	1		.05
XERANTHEMUM.	<i>See Everlastings,</i>				
YARROW.	<i>See Achillea,</i>				
ZEAL.	<i>See Ornamental Grasses,</i>				

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COCCINEA INDICA.



BIGNONIA.



BYRONOPSIS.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
ZINNIA.	The double Zinnia is one of the novelties of recent years. The flowers are large, beautifully formed, and exceedingly handsome; invaluable for bouquets.				
"	Elegans, fl. pl. Alba, white	hhA	2		.05
"	" " Coccinea, scarlet	"	2		.05
"	" " Mixed, all shades	"	2		.05
"	Grandiflora Plenissima, mixed	"	2		.10
"	Dwarf Alba, large flowered, white	"	1		.05
"	" Lutea, yellow, extra	"	1		.05
"	" Coccinea, scarlet, very fine	"	1		.05
"	" Mixed	"	1		.05
"	Darwini, fl. pl., pompon, excellent for bouquets	"	2		.10
"	Haageana, fl. pl., deep orange	"	2		.10
"	Tom Thumb	"	3/4		.10

CLIMBERS.

ABOBRA.	Rapid-growing climber with glossy, dark green foliage.				
"	Viridiflora, scarlet fruit	hhP	10		.10
ADLUMIA.	(Alleghany Vine.) A beautiful perennial climbing plant of graceful habit, with delicate pale-green foliage somewhat resembling the Maiden Hair Fern. Sow in a shady place in spring and transplant very carefully in September; flowers freely all summer; also called "Mountain Fringe."				
"	Cirrrosa, flesh-colored	hP	15		.10
ALLEGHANY VINE.	See <i>Adlumia</i> .				
AMPELOPSIS.	A class of very beautiful plants, foliage glossy green, changing in autumn to a coppery-red.				
"	Quinquefolia (Virginia Creeper), one of the most valuable climbers for covering walls, porches, or trees	"	30		.10
"	Veitchii (Boston Ivy or Japanese Ivy), clings very readily to stone-work, useful for covering up unsightly objects, used very extensively in the decoration of houses in Boston	"	50		.10
	(For plants see Nursery Department.)				
ARISTOLOCHIA.	(Dutchman's Pipe.) Curious climber, with broad foliage, of a brownish-purple, and singular flowers of a brownish-yellow color. It grows from 20 to 30 feet high, and if trained on the piazza, or against a house, the effect is charming. Hardy.				
"	Sipho, yellowish-brown	"	25		.10
BALLOON VINE.	See <i>Cardiospermum</i> .				
BEANS.	See <i>Phaseolus</i> .				
BIGNONIA.	(Trumpet Vine.) Magnificent climber, with brilliant flowers, deserving a first place as an ornamental and effective covering for walls, houses, etc.				
"	Radicans, scarlet	"	30		.10
BOSTON IVY.	See <i>Ampelopsis Veitchii</i> .				
BYRONOPSIS.	A fine climber, bearing green fruit, changing to scarlet and white.				
"	Erythrocarpa, see above	hhA	8		.05
CARDIOSPERMUM.	(Balloon Vine.) A pretty climber, remarkable for its inflated, membranous capsule, from which it gets the name Balloon Vine.				
"	Halicacabum, white	"	6		.05
CHINESE LOOFA GOURD.	. . . . .	tA	15		.10
CLEMATIS.	(Virgin's Bower.) An old favorite, much improved of late years.				
"	Best Varieties, mixed	hP	15		.10
	(For plants, see Nursery Department.)				

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NAME.	DESCRIPTION.	HARD- AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
COBÆA.	A magnificent, rapid growing plant, with beautiful foliage and large, bell-shaped flowers: the seeds should be planted edgewise in <i>moist</i> earth.				
"	<i>Scandens</i> , purple lilac	hA	20		.10
COCCINEA.	Handsome climber, with glossy green foliage.				
"	<i>Indica</i> , scarlet	hhP	10		.10
CONVOLVULUS MAJOR.	(Morning Glory.) A free-flowering class of climbers, with brilliant and varied colored flowers, producing a splendid effect when grown on rock-work.				
"	" <i>Mixed</i>	hA	10		.05
CUCUMIS.	Of extremely rapid growth, and bears curious fruits.				
"	<i>Anguarius</i> , small yellow fruit	tA	10		.05
"	<i>Dipsaceus</i> , yellow, teasel-like	"	10		.05
"	<i>Perennis</i> , foliage highly ornamental	"	10		.05
CUCURBITA.	(Gourds.) Ornamental. A climbing class of rapid growth, producing fruit of various sizes and shapes. Wherever grown, they never fail to excite admiration.				
"	<i>Angora</i> , white, spotted, of rapid growth	"	8		.05
"	<i>Apple</i> , very ornamental	"	6		.05
"	<i>Double Bottle</i> , well-known, and very useful	"	6		.05
"	<i>Gooseberry</i> , very small	"	6		.05
"	<i>Hercules Club</i> , large, club-shaped	"	15		.10
"	<i>Lemon</i> , very showy	"	6		.05
"	<i>Orange</i> , well-known sort	"	15		.05
"	<i>Pear-shaped</i>	"	6		.05
"	<i>Fine Mixed</i> , from a large collection	"	var		.05
"	<i>Argyrosperma</i> , fruit large and finely striped	"	6		.05
"	<i>Leucantha</i> , long, curious fruit	"	6		.05
CYCLANTHERA.	A climber, bearing oval-shaped fruit.				
"	<i>Pedata</i>	hhA	10		.05
CYPRESS VINE.	<i>See Ipomœa Quamoclit.</i>				
DOLICHOS.	(Hyacinth Bean.) A beautiful class of quick-growing ornamental climbers, producing an abundance of clustered spikes of flowers, followed by exceedingly ornamental seed-pods.				
"	<i>Lablab</i> , purple	tA	10		.05
"	<i>Alba</i> , white	"	10		.05
DUTCHMAN'S PIPE.	<i>See Aristolochia.</i>				
HYACINTH BEAN.	<i>See Dolichos.</i>				
IPOMŒA.	This class ranks pre-eminent for delicate and intrinsic beauty; the brilliant and varied hues of its many species and varieties are exceedingly beautiful.				
"	<i>Bona Nox</i> (Evening Glory), satin-rose, large, fragrant blossoms, which expand in the evening	hA	10		.10
"	<i>Noctiflora</i> (Moon Flower)	"	20		.10
"	<i>Coccinea</i> (Star Ipomœa), scarlet, small flowers in great profusion	"	8		.05
"	<i>Hederacea Superba</i> , ivy-like foliage, very showy, mixed colors	"	8		.05
"	<i>Limbata Elegantissima</i> , rich, bluish-purple centre, in the form of a star, with broad, pure white margin	"	10		.05
"	<i>Quamoclit</i> (Cypress Vine), flowers and foliage both very beautiful; half hardy, mixed colors	"	10		.05
"	<i>Scarlet, White</i> , each color	"	8		.05
LATHYRUS.	(Sweet Peas.) Fragrant and profuse climbers, continuing in blossom throughout the season; valuable for bouquets.				
"	<i>Black Purple Striped</i> , extra	"	4		.05
"	<i>Butterfly</i> , white ground, delicately laced with blue	"	4	.15	.05
"	<i>Crown Princess</i> , delicate blush, very fine	"	4		.05
"	<i>Invincible Scarlet</i> , rich scarlet, extra	"	4	.15	.05
"	<i>Joanna Theresa</i> , light blue and purple, extra	"	4	.15	.05
"	<i>Red Striped</i> , beautifully striped	"	4		.05
"	<i>Painted Lady</i> , rose and white; excellent	"	4	.15	.05
"	<i>Captain Sharkey</i> , dark red; beautiful	"	4		.05
"	<i>Violet Queen</i> , charming, ranging from deep mauve to light violet	"	4	.15	.05
"	<i>White</i> , snow-white	"	4	.15	.05
"	<i>Fine Mixed</i> , all colors and shades lb., \$1.00	"	4	.10	.05
"	<i>Choice Mixed</i> , a special mixture of our own " 1.25	"		.15	.05
"	<i>Latifolius Alba</i> , white and rubra, red colors separate	hP	10		.10
"	" <i>Mixed</i> , colors mixed	"	10		.10
LOASA.	A beautiful climber; very floriferous.				
"	<i>Hispid</i> , golden yellow, extra	hA	8		.05
"	<i>Tricolor</i> , orange, red and green	"	8		.05
LOPHOSPERMUM.	Beautiful vine with large, trumpet-shaped flowers; excellent for vases or baskets.				
"	<i>Scandens</i> , rosy-purple	tA	10		.10
MAURANDYA.	Graceful and free-blooming climber with bell-shaped flowers, in shape resembling the <i>Digitalis</i> .				
"	<i>Barclayana</i> , purple	tP†	10		.10
"	<i>Emeryana Rosea</i> , dark rose	"	10		.10
"	<i>Fine Mixed</i> , all shades	"	10		.10

See Special Offers on third page of cover.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
MOMORDICA.	Very ornamental, fruit of a golden-yellow color, warted; when ripe, opens, disclosing its seeds and brilliant interior.				
"	Balsaminia (Balsam Apple)	tA	12		.05
"	Charantia (Balsam Pear)	"	12		.05
MORNING GLORY.	<i>See Convolvulus Major,</i>				
NASTURTium.	<i>See Tropæolum.</i>				
PASSIFLORA.	(Passion Flower.) The flowers are interesting and beautiful.				
"	Cœrulea, sky-blue	tP	15		.10
"	Gracilis, white	"	15		.05
"	Princeps Coccinea, magnificent	"	15		.10
PHASEOLUS MULTIFLORUS.	(Climbing Beans), of rapid growth, ornamental.				
"	Scarlet Runner, producing brilliant scarlet flowers	hhA	10		.05
"	White Dutch, the flower and bean both white	"	10		.05
PASSION FLOWER.	<i>See Passiflora.</i>				
SCHYPHANTHUS.	Very pretty climber.				
"	Elegans, yellow	hA	8		.10
TRICOSANTHES.	(Snake Cucumber.) A curious class of plants with serpent-like fruit.				
"	Colubrina, serpent gourd, very ornamental	hhA	10		.10
THUNBERGIA.	A genus of slender and rapid-growing climbers, with extremely pretty and much admired flowers, which are freely produced.				
"	Alata, orange, rich brown eye	"	4		.05
"	Alba, white, with dark eye	"	4		.05
"	Mixed, all colors	"	4		.05
TROPÆOLUM.	(Climbing Nasturtium.) Elegant-growing, profuse-flowering, and easily cultivated climbers, with great richness and brilliancy of color; for covering trellises, verandas and bowers, they are unsurpassed.				
"	Majus Atropurpureum, dark crimson	hA	10		.05
"	" Coccineum, bright scarlet	"	10		.05
"	" Luteum, yellow	"	10		.05
"	" Regelianum, purple-violet	"	10		.05
"	" Cœrulea Roseum, deep rose	"	10		.05
"	" Dunnett's Orange	"	10		.10
"	" Edward Otto, brown-lilac, fine	"	10		.05
"	" Heinemannii, chocolate, choice	"	10		.05
"	" Hemisphericum, orange, handsome	"	10		.05
"	" King Theodore	"	10		.10
"	" Scheurvianum, straw-color, spotted	"	10		.10
"	" " Coccinum, scarlet, striped	"	10		.05
"	" Fine Mixed, all colors and shades	"	10	.15	.05
"	Lobbianum, Crown Prince, deep red	hhA	10		.10
"	" Giant of Battles, brilliant carmine, fine	"	10		.10
"	" Lucifer, very dark crimson	"	10		.10
"	" Napoleon III, yellow, striped with rosy-scarlet	"	10		.10
"	" Roi des Noirs, almost black	"	10		.10
"	" Spitfire, brilliant scarlet, excellent	"	10		.10
"	" Mixed, all colors	"	10		.10
"	Peregrinum (Canary Bird Flower), yellow, highly ornamental and deservedly a favorite	"	10		.10
TRUMPET VINE.	<i>See Bignonia,</i>				
VIRGINIA CREEPER.	<i>See Ampelopsis Quinquifolia,</i>				
VIRGIN'S BOWER.	<i>See Clematis,</i>				

GREENHOUSE.

ABUTILON.	(Chinese Bell Flower.) Popular genus, with bell-shaped, drooping flowers, which are borne in profusion nearly the entire year.				
	Finest Mixed, flowers vary from pure white and yellow to deep orange and crimson, streaked with yellow	hhP	var		.25
BEGONIA.	(Tuberous-rooted.) Tuberous-rooted Begonias are resplendent with their beautiful flowers during the whole summer.				
"	Robusta Perfecta	tP	I		.50
"	Tuberous-rooted Single	"	I		.50
"	" Double	"	I		.50
BELL FLOWER.	<i>See Abutilon.</i>				
CALCEOLARIA.	Valuable class, remarkable for their large, beautifully-spotted blossoms.				
"	Hybrida Grandiflora, Self's Mixed, robust and free-flowering; large flowers, and great variety of color	"	1½		.50
"	" " Tigers Mixed, extra strain of the most brilliantly-colored and beautifully marked flowers	"	1½		.50
"	" " Striped Mixed, produces 15 to 20 per cent of flowers beautifully striped or marked	"	1½		.50
CHINESE BELL FLOWER.	<i>See Abutilon.</i>				

See Special Offers on third page of cover.

NAME.	DESCRIPTION.	HARD AND DUR.	H'GT FT.	PRICE PER OZ.	PRICE PER PKT.
CHRYSANthemum.	A most valuable class of plants for growing in pots.				
"	Indicum Grandiflorum, double, choice, mixed, all colors	hhP	3		.20
"	Japanese, extra choice, mixed	"	4		.20
"	Pompon, double, small flowering	"	3		.15
"	Double Good Mixed, above varieties	"	4		.15
CYCLAMEN.	Bulbous-rooted plants, producing exceedingly handsome flowers.				
"	Persicum Album, pure white	tP	1 1/2		.25
"	Rubrum, rich red	"	1 1/2		.25
"	Mixed (choice strain), all colors	"	1 1/2		.25
"	Giganteum Album, pure white, good substance	"	1 1/2		.50
"	Rubrum, dark red, rich and large	"	1 1/2		.50
"	Mixed, all colors and shades	"	1 1/2		.50
CINERARIA.	A very ornamental and much-admired genus; very free-flowering and brilliant.				
"	Hybrida, New Dwarf, plants globular in shape, and blossom profusely	"	1 1/2		.25
"	Flore Pleno, the colors run through all the shades peculiar to Cinerarias	"	1		.50
"	Choicest Mixed, from the best named varieties; extra choice	"	1		.25
CIGAR PLANT.	See Cuphea.				
CLIANthus.	Magnificent clusters of drooping flowers, somewhat resembling a parrot's beak.				
"	Dampieri, bright scarlet blossoms	hhP	2		.25
COLEUS.	A well-known and ornamental foliage plant.				
"	Fine Mixed	tP	1 1/2		.25
"	Choicest Mixed	"	1 1/2		.50
"	New Large-Leaved	"	1 1/2		.50
CUPHEA.	(Cigar Plant.) A choice plant for conservatory or parlor.				
"	Platycentra, scarlet, white, and purple, mixed	tP†	1		.10
ECCREMOCARPUS.	(Calampelis.) A vigorous climber, producing flowers in the greatest profusion.				
"	Scaber, foliage small, flowers orange	tP	10		.10
FUCHSIA.	Well-known plants of easy culture. Our seed saved from a fine collection.				
"	Finest Mixed, from choice named varieties	"	2		.15
GERANIUM.	See Pelargonium.				
GLOXINIA.	A superb genus of plants, beautiful flowers of the richest and most brilliant colors.				
"	Choicest Mixed, from the finest erect and drooping varieties	"	1		.50
HELIOTROPE.	See Heliotropium.				
HELIOTROPIUM.	(Heliotrope.)				
"	Finest Mixed	"	1		.10
HUMEA.	A remarkably handsome plant, invaluable for decorative purposes.				
"	Elegans, red	hhB	3		.10
LANTANA.	A remarkably handsome, free-flowering plant with brilliantly colored flowers.				
"	Finest Varieties Mixed	tP	1 1/2		.10
MYRSIPHYLLUM.	(Smilax.) A beautiful climber; nothing can excel this plant in beauty of foliage and orange fragrance of flower.				
"	Asparagoides	"	10		.15
PELARGONIUM.	(Geranium.) Well-known favorites, indispensable for in-door and out-door decoration. The seed we offer has been saved from first-class varieties.				
"	Apple-Scented, a well-known favorite variety	"	2		.25
"	Fancy, choice greenhouse varieties	"	2		.50
"	Large-Flowered, from prize varieties	"	2		.50
"	Scarlet, fine mixed	"	2		.10
"	Zonale, choicest hybridized variegated varieties	"	2		.50
PERIWINKLE.	See Vinca.				
PRIMROSE.	See Primula.				
PRIMULA.	(Primrose.) A charming, profuse-flowering plant, indispensable for winter and spring decoration in the conservatory or sitting-room.				
"	Obconica, white, changing to lilac	"	1		.25
"	Sinensis (Chinese), an extra selected strain	"	3/4		.25
"	Fimbriata, very choice mixed	"	3/4		.50
"	Fern-Leaved, beautifully fringed flowers, with finely cut foliage	"	3/4		.50
"	Flore Pleno, fine double-fringed flowers	"	3/4		.50
STEVIA.	A useful plant, either for pot culture or borders; elegant in bouquets.				
"	Lindleyana, reddish white	"	1 1/2		.05
"	Purpurea, purple	"	1 1/2		.05
"	Eupatoria, white	"	1 1/2		.05
TACSONIA.	Magnificent climbers, with flowers suspended on thread-like filaments.				
"	Van Volxemi, scarlet flowers, with fruit of a sub-acid taste	"	3		.10
VINCA.	(Periwinkle.) A class of very pretty, free-flowering plants, with shining green foliage.				
"	Alba, white, red eye	"	2		.10
"	Pura, pure white	"	2		.10
"	Rosea, rose	"	2		.10
"	Mixed, all colors	"	2		.10

See Special Offers on third page of cover.

EVERLASTINGS.

NAME.	DESCRIPTION.	HARD- AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
ACROCLINIUM.	Handsome plants, with daisy-like flowers, valuable for winter bouquets.				
"	Roseum, beautiful rose	hhA	I		.05
"	" fl. pl., good double, fine rose	"	I		.05
"	Alba, pure white	"	I		.05
"	" fl. pl., (new) double, white	"	I		.05
"	Mixed, all colors	"	I		.05
AMMOBIUM.	Flowers pure white; gather before fully expanded to preserve for winter.				
"	Alatum, white	hA	2		.05
"	Grandiflorum, pure white, large-flowered	"	2		.05
ELICHRISUM.	See <i>Helichrysum</i> .				
GLOBE AMARANTH.	See <i>Gomphrena</i> .				
GOMPHRENA.	(Globe Amaranth.) Showy globular flowers, which retain their beauty for years.				
"	Aurea Superba, orange	hhA	2		.05
"	Globosa Alba, pure white	"	2		.05
"	" Rosea, rose	"	2		.05
"	" Nana Compacta, dwarf, compact growth, rich, deep violet-red	"	I		.05
"	Mixed, all shades and colors	"	2		.05
HELIPTERUM.	Small foliage, large clusters of bright golden and pure white star-like flowers.				
"	Sanfordii, golden	hA	I		.05
"	Mixed	"	I		.05
HELICHRYSUM.	Exceedingly handsome for winter bouquets.				
"	Bracteatum, single yellow	"	1½		.05
"	Lanatum, silvery foliage, flowers light yellow	"	1½		.05
"	Fireball, crimson	"	2		.05
"	Monstrosum Album, fl. pl., double white	"	1½		.05
"	" Luteum, fl. pl., double yellow	"	1½		.50
"	" Purpureum, fl. pl., double purple	"	1½		.05
"	" Roseum, fl. pl., fine, double rose	"	1½		.05
"	Double Mixed, all colors	"	1½		.05
"	Nanum Flore Pleno, dwarf, splendid mixed	"	I		.10
"	Minimum, fl. pl., mixed, small flower, double	"	I		.10
RHODANTHE.	A well-known Everlasting; fine for bedding or ribboning.				
"	Maculata, rosy purple, with crimson centre	hhA	1½		.05
"	" Alba, white, very showy	"	I		.05
"	Manglesii, bright rose	"	I		.05
WAITZIA.	Flowers in clusters; pick early, before centre becomes discolored.				
"	Grandiflora, deep yellow	"	I		.10
KERANTHEMUM.	A showy class of Everlastings; excellent for bouquets.				
"	Album, fl. pl., double white	hA	2		.05
"	Purpureum, fl. pl., double purple	"	2		.05
"	Double Pompon, white	"	2		.05
"	" " purple	"	2		.05

ORNAMENTAL GRASSES.

ABYSSINIAN GRASS.	See <i>Poa Amabilis</i> .				
AGROSTIS.	Nebulosa, very graceful; indispensable for bouquets	hA	1½		.05
ANDROPOGON.	Fine sub-tropical plants.				
"	Argenteus, very ornamental	hP	5		.10
"	Schimperi, very stately	"	6		.10
ANIMATED OATS.	See <i>Avena Sterilis</i> .				
ANTHOXANTHUM.	Gracile, elegant	hA	½		.05
ARUNDO.	Conspicua (New Zealand Pampas Grass)	hP	8		.10
"	Donax Folio Variegatis, striped foliage	"	7		.10
AVENA.	Sterilis (Animated Oats)	hA	2½		.05
BRIZA.	The well-known Quaking Grass; spreading.				
"	Gracilis, small	"	I		.05
"	Maxima, large	"	3		.05
BRIZOPYRUM.	Siculum, splendid for edgings and bouquets	"	¾		.05
BROMUS.	Brizæformis, fine Briza-like; excellent for bouquets	hP	¾		.05
CERATOCHLOA.	Pendula, graceful	hA	I		.05
CHLORIS.	Elegans, very effective in bouquets and borders; slender and elegant	"	½		.10
"	Barbata, bearded; very neat	tP	I		.10
CHLOROPSIS.	Blanchardiana, bottle-brush-like flowers of a bright rose color	"	4		.10
CHRYSURUS.	Aurens, golden-spiked; a very desirable sort	hA	½		.05
COIX.	Lachryma (Job's Tears)	"	1½		.05
ELEUSINE.	Oligostachya, three horns, very pretty	"	I		.10
ERAGROSTIS.	Elegans (Love Grass), beautiful for borders, and indispensable for bouquets	"	I		.05
ERIANTHUS.	Ravennæ, a noble grass, resembling the Pampas	hP	7		.10
EULALIA.	Japonica, magnificent Japanese grass, attaining a height of 6 to 7 feet	"	6		.15

See Special Offers on third page of cover.

NAME.	DESCRIPTION.	HARD. AND DUR.	H'G'T FT.	PRICE PER OZ.	PRICE PER PKT.
FEATHER GRASS. <i>See Stipa Pennata.</i>					
FESTUCA. Pectinella, dwarf, compact growing grasses for bouquets and edgings		hP	1½		.05
" Viridis, fine edging plant		"	½		.05
GYNERIUM. Argenteum (Pampas Grass), a well-known variety		tP	7		.10
" Jubatum, splendid species, with beautiful spikes of silvery red flowers		"	6		.10
HARE'S TAIL. <i>See Lagurus.</i>					
HORDEUM. Jubatum (Squirrel-tail Grass)		hA	1½		.05
ISOLEPIS. Gracilis, fine for Jardinets		hP	½		.10
JOB'S TEARS. <i>See Coix.</i>					
LAGURUS. Ovatus (Hare's Tail), elegant; a well-known sort		hA	1		.05
NEW ZEALAND PAMPAS GRASS. <i>See Arundo Conspicua.</i>					
ORNAMENTAL MAIZE. <i>See Zea Japonica.</i>					
PAMPAS GRASS. <i>See Gynierium Argenteum.</i>					
PASPALUM. Elegans, pretty for borders or shrubberies		"	2		.10
PENSISSETUM. Longistylum, the most distinct and beautiful of ornamental grasses		"	1½		.05
POA. Amabilis (Abyssinian Grass)		"	2		.10
QUAKING GRASS. <i>See Briza.</i>					
SQUIRREL-TAIL GRASS. <i>See Hordeum.</i>					
STIPA. Elegantissima, extremely elegant; the best of its class		hP	2		.15
" Pennata (Feather Grass)		"	2		.05
TRICHOLÆNA. Rosea, very pretty		"	1		.10
TRIPSACUM. Dactyloides, pretty for edgings		"	¼		.10
UNIOLA. Latifolia, beautiful for bouquets		hA	3		.10
ZEA. Japonica Variegata (Ornamental Maize), prized for its beautiful, variegated foliage		"	3		.10
" Finest Mixed, all varieties		hP	var		.10

WILD GARDEN SEEDS.

Any one who has cultivated flowers in neatly laid out beds or carefully planned ribbon borders is aware of the amount of labor and constant attention necessary to produce the desired effect. To those who cannot give this care, we offer "Wild Garden Seeds," a mixture of over one hundred varieties of hardy flower-seeds. No one who has not seen such a bed can form an idea of its possibilities, the different seasons of bloom insuring something new almost every day. Half-ounce packets, 25 cents.

COLLECTIONS OF FLOWER SEEDS.

COLLECTION "A," price 25 cents, contains one packet each of Mignonette, sweet; Alyssum, sweet, white; Sweet Peas, fine mixed; Phlox Drummondii, fine mixed; Portulaca, fine mixed; Chinese Pink, fine mixed.

COLLECTION "B," price 50 cents, contains the varieties in Collection "A," with the following in addition: Nasturtium, Tom Thumb, fine mixed; Candytuft, finest mixed; Aster, German, fine mixed; Pansy, finest mixed; Eschscholtzia, fine mixed; Morning Glory, fine mixed.

COLLECTION "C," price 75 cents, contains the varieties in Collections "A" and "B," with the following in addition: Coreopsis, fine mixed; Balsam, fine mixed; Zinnia, fine mixed; Mourning Bride, fine mixed; Petunia, finest mixed; Calendula, "Meteor," yellow.

COLLECTION "D," price \$1.00, contains the varieties in Collections "A," "B" and "C," with the following in addition: Tall Nasturtium, fine mixed; Marigold, French, striped; Larkspur, dwarf Rocket; Poppy, double mixed; Convolvulus, dwarf mixed; Chrysanthemum, fine mixed; Antirrhinum, finest mixed.

IMPORTED COLLECTIONS OF GERMAN FLOWER SEEDS.

ASTERS.		Poppy, Double Carnation Flowered, in 10 varieties		Per Coll.
Dwarf German, in 6 and 12 varieties	\$0.40 and \$0.75	Petunia, Hybrida Grandiflora.		\$0.40
" Chrysanthemum, in 6 and 12 v. . . . .	.50 "	Single Choice, in 6 and 12 varieties	\$0.65 and 1.25	
" Victoria, in 6 varieties . . . . .	.35	Double, " in 6 and 12 varieties	1.00 "	1.50
" Cocardeau or Crown, in 4 vars. . . . .	.35	Phlox Drummondii Grandiflora, in 6 and 12 varieties . . . . .	.60 "	1.00
Quilled German, in 6, 12, and 18 vars. . . . .	.35 .60 "	Portulaca, Choicest Single, in 8 vars. . . . .		.50
Pæony Perfection, in 6 varieties . . . . .	.40	" " Double, in 6 vars. . . . .		.50
Victoria, in 6, 12, and 24 varieties . . . . .	.60 1.00 "	Stock, Large Flowering German, 10-week, in 8 and 12 varieties . . . . .	.65 "	1.00
Imbricated Pompon, in 6 and 12 vars. . . . .	.50 "	Tropæolum Lobbianum, in 12 varieties . . . . .		.75
Truffaut's Imp'd Pæony Perfection, in 6, 12, and 18 varieties . . . . .	.40 .75 "	Tropæolum Majus (Tall Nasturtium), in 12 varieties . . . . .		.50
Cocardeau or Crown, in 6 varieties . . . . .	.60	Tropæolum Tom Thumb (Dwarf Nasturtium), in 12 varieties . . . . .		.50
Tall Chrysanthemum, in 6 varieties . . . . .	.45	Viola Tricolor Maxima (Pansy or Heartsease).		
Washington, in 6 varieties . . . . .	.75	Best German, in 6, 12, and 18 vars. . . . .	.40	
MISCELLANEOUS.		Zinnia Elegans, in 6 varieties . . . . .	.75 "	1.20
Grasses (Ornamental), in 12 and 25 vars.	\$0.65 and \$1.00			.55
Hollyhock (Chater's), in 6 and 12 vars. . . . .	.70 " 1.25			

See Special Offers on third page of cover.

PLANT DEPARTMENT.

To this important branch of our business we are giving much attention, and are in a position, second to none, to supply **FRUIT TREES, SHADE and ORNAMENTAL TREES, EVERGREEN and FLOWERING SHRUBS, VINES, HERBACEOUS and SUMMER BEDDING PLANTS, etc.**, in all desirable varieties and sizes at lowest prices. We shall be glad to advise intending buyers as to selection, and also furnish plans and estimates for laying out and planting ornamental grounds.

While we exercise the greatest care to have all Nursery stock pure and reliable, we sell no Trees, Plants, Shrubs, or other Nursery stock with warranty, express or implied, in any respect. If the purchaser does not accept these goods on these terms, they must be returned at once.

SINGLE ROSES.



The many articles on **SINGLE ROSES** in the horticultural papers have caused considerable attention to be directed to them. Single Roses are highly decorative in the flower-garden, and so beautiful for vases and bouquets in the cut state, that every garden should possess some of the varieties.

Capucine, Austrian Copper. A graceful, showy, and interesting favorite. The flowers, which are freely produced, are very distinct, being of an exceptionally bright, dazzling orange-scarlet, shading to orange at the base of the petals. 50 cents each; \$5.00 per dozen.

Bracteata. The old Macartney Rose, producing small, deep green leaves and large flowers of pearly whiteness and great substance. 50 cents each; \$4.00 per dozen.

Rosa Rugosa Rubra. Forms large, thick, close bushes of very deep, glossy foliage, which is covered with bright, rosy-crimson flowers, succeeded by large berries of a rich rosy-red color. 50 cents each; \$4.00 per dozen.

Rosa Rugosa Alba. Same as above, except in color, which is pure white. 50 cts. each; \$4.00 per dozen.

Rosa Rugosa Rubra, Standard. We offer a few plants of this variety, with a straight trunk 3 feet high, and carrying a round top, which makes a great show during the summer; beautiful as single specimens on the lawn. \$3.00 each.

Rosa Rugosa Alba Standard. Same as preceding variety except in color, which is pure white. \$3.00 each.

Rosa Blanda. A handsome native sort with light-colored flowers and few thorns. 25 cts. each; \$3.00 per dozen.

Carolina. Wild swamp rose. Flowers very bright. 25 c. each; \$2. per doz.

ROSE, JAPANESE. Wachurianna. A trailing species of very rapid growth, making a closely matted bed of very dark green foliage. The leaves are quite small, nearly round, smooth, serrate, shining and nearly evergreen. The flowers are produced in greatest profusion in July, after the June roses are past, and more sparingly throughout the season. They are single, pure white, with yellow stamens, fully two inches across, with the strong and sweet fragrance of the Banksia Rose. It is an invaluable variety for beds, banks, rockeries and for cemetery use, not only when covered with its exquisite flowers, but also for its rich, carpet effect up to the very last of the season. It will be wanted by every one when known. Two year dormant plants, 75 cents. One year pot plants, 25 to 50 cents.

TEA ROSES.

The Teas are tender, and require careful protection. They should not be planted out in spring until all danger of frost is past. For parlor or conservatory culture they are unequalled.

Bon Silene. Rosy-Carmine, shaded, free flowering, fragrant.

Catherine Mermet. Bright silvery pink, fragrant.

Cornelia Cook. Pale yellowish-white, large and full.

Madam de Waterville. Salmon-white petals edged with bright rose. Very free flowering.

Madam Hardy. Pine white, fine substance, full.

Mad. Hoste. Yellowish-white, centre deeper yellow; good form, very free blooming.

Marie Van Houtte. White, tinged with yellow; large.

Niphetos. Pale yellowish white, large buds.

Perle des Jardins. Straw color, large and full.

Safrano. Saffron and apricot, very beautiful.

Waban. A sport of Catherine Mermet, which it resembles in every way except color; rich, clear pink.

Price, small plants, 25c. each, \$2.50 per dozen; large plants, 50c. each, \$4.00 per dozen.

See Special Offers on third page of cover.



Revised List of 100 Choice Varieties HYBRID PERPETUAL ROSES, Imported by Joseph Breck & Sons (Corporation).

The following statement was embraced in our remarks on Roses in our catalogue of last year: "There exists among growers and lovers of the Rose anything but a feeling of confidence towards those from whom the plants are usually procured in America, for the reason that death and disappointment are oftener the results of a carefully planned purchase than the gratifying rewards hoped for. Failure may be due to a number of causes, but we think the primary ones are that ordinarily importers consider cost more than quality, and are careless in keeping varieties apart and protected from the weather.

Our experience has been of such a nature that we deemed it best to import direct. We have, therefore, made arrangements with a leading grower in Britain for a supply of his finest plants, of the kind best suited to our climates. The first consignment was received the middle of December last, and the evident care taken in naming and packing, together with the appearance of them, convince us they will prove satisfactory and be a pleasing surprise to our customers." We have now much satisfaction in saying that the success we hoped for in this departure has been fully

realized both to ourselves and patrons, and we feel assured of liberal encouragement this season: the plants are exceedingly fine, having good fibrous roots and strong, well-ripened heads; they will flower well this summer if planted early. *We guarantee that every rose will be true to name.*

PLANTING. If possible select a position sheltered from high winds but open to the sunshine. If the soil is not naturally suitable it must be improved—if light, by the addition of rich loam and decomposed cow or stable manure, well worked in; where stiff and heavy, good drainage and rough stable manure are the essentials.

When planting, carefully prune all dead or bruised roots or branches, spread the root fibres as much as possible, and set deep enough to cover the junction of the bud and stock, thereby preventing suckers and enabling the rose to make roots.

During the growing season frequent waterings with liquid manure is an advantage. It is easily made by mixing cow manure with water in an old tub or barrel.

In the following list of one hundred varieties we have aimed at selecting those that combine, in the fullest manner, the five requirements of a perfect rose, namely: beauty of color; beauty of form; fragrance; profusion and continuity of bloom; and vigor of growth. To aid our customers in making selection, who cannot give space to a hundred kinds, we have indicated what we consider the *best fifty* by prefixing a star *; to the *best twenty-five* two stars **; to the *best twelve* three stars ***; to the *best six* four stars ****.

****Alfred Colomb, bright fiery red, large, full, and globular, very effective.

***Alphonse Soupert, bright pink, form of *La Reine*, very large.

**Admiral Seymour, deep velvety purplish red, of good form, large.

*Abel Carriere, rich purplish crimson, reverse of petals dark violet, large, full, fine shape.

**Alfred K. Williams, fine carmine red; full, of fine form.

*Anna de Diesbach, beautiful deep rose, very large, cupped, and showy; distinct.

***Baroness Rothschild, palest flesh, most chaste and beautiful, large, full, and fine form; one of the very best roses.

**Baron de Bonstetten, bright crimson, very large and finely formed.

**Baronne de Maynard, pure white, medium size, full, fine form.

*Baronne Prevost, rose color, immensely large.

Baron Adolphe de Rothschild, bright red, large, full, splendid foliage.

Beauty of Waltham, light crimson, large, full, fine form.

Brightness of Cheshunt, peculiarly vivid brick red, approaching scarlet, large open imbricated form; very fine autumnal bloomer.

****Charles Lefebvre, fine brilliant velvety crimson, large, cupped, and well formed.

*Comte de Serenye, light rosy-peach, perfectly built, round globular form.

Captain Christy, light salmon-flesh, quite a distinct shade of color, fine well-built form, large and free.

Comtesse de Oxford, bright carmine-red, very large, fine form, foliage handsome.

Countess of Rosebery, brilliant carmine-rose, large, full, of fine cupped form, a strong and hardy kind.

****Duke of Edinburgh, fine vermilion, large, full, and good shape.

***Dr. Andry, bright reddish crimson, large, free, excellent.

*Duchess of Bedford, dazzling light scarlet-crimson, large, full, and of perfect shape.

*Duke of Teck, bright crimson-scarlet, clear, distinct, in its vividness of color beyond anything yet raised.

Duc de Rohan, bright red, very large and full.

Duchesse de Vallombrosa, blush centre, pale satin rose, delicate sweet scent.

Duc de Wellington, dark crimson, large and full.

Dupuy Jamain, very bright cerise, large, full, and fine form; blooms freely.

Duchesse de Morny, splendid clear light rose, large, full, and beautifully cupped.

***Etienne Levet, light carmine-red, beautiful globular form.

Exposition de Brie, bright scarlet, large, full, fine form.

*Edward Morren, glossy pink, in the way of *Jules Margottin*, but of a fresher and more delicate color.

Eclair, bright fiery red, large and full, form of *Charles Lefebvre*.

Elie Morel, rosy lilac, very large, full, and perfect form.

Empress of India, dark brownish crimson, very double.

**Fisher Holmes, crimson, beautifully shaded with violet.

**Francois Michelon, beautiful silvery rose, large, fine petaled, deep form.

*Ferdinand de Lesseps, crimson, beautifully shaded with violet; fine.

*General Jacqueminot, brilliant scarlet-crimson, large, and magnificent.

For Special Offers see third page of cover.

- Gloire Lyonnaise**, flowers chrome yellow, petals edged white, large, full, and finely formed.
- *Henrich Schultheis**, delicate pinkish rose; very large, very full, of perfect form, very sweet-scented.
- Harrison Weir**, beautiful rich velvety crimson, enlivened with scarlet; large, full, exquisitely formed.
- Horace Vernet**, scarlet crimson; large, full, double; a lovely rose.
- **Jean Liabaud**, velvety crimson, reflexed carmine, and shaded with black; flower very large, full, very fine form.
- *John Hopper**, fine brilliant rosy crimson, large, full, good form, abundant bloomer.
- *John Stuart Mill**, bright clear red, large, full and beautiful form, shell-like petal of great substance.
- Jules Margottin**, glossy pink, large and superb.
- ***Louis Van Houtte**, reddish scarlet and amaranth, shaded with bluish purple, very large and full.
- **La France**, bright lilac rose, centre silvery white, petals large, fine form, large and full, extra fine.
- Leon Renault**, bright light crimson; an enormous flower, and a bold showy garden rose.
- La Reine**, rose, tinged with lilac, large and full.
- La Rosiere**, velvety crimson.
- Lyonnaise**, pink, very bright, a first-rate rose.
- Lord Macaulay**, bright velvety crimson, large, full, and beautiful form.
- ****Madam Gabriel Luizet**, fine satin rose, very large and full.
- **Madam Vidot**, transparent flesh, most beautifully formed, flowers medium size.
- *Madame Montet**, beautiful soft pink; flower large.
- Madame Louis Leveque**, deep rosy carmine, large, very double, globular form.
- Madame Nachury**, light silvery rose, deep cupped form, a very distinct rose.
- Madame Lelievre Delaplace**, bright crimson; very large and full; growth vigorous.
- Madame Ducher**, fine cherry rose, petals bordered with reddish purple, very large, full, well formed.
- Madame Victor Verdier**, beautiful cherry rose, large and full, form exquisitely cupped.
- Madame Charles Crapelet**, light crimson, large and full, splendid form; extra good.
- Madame Charles Wood**, crimson, shaded with purple, large, of great substance, flowers abundantly.
- Madame Lacharme**, shaded white, the centre blush, of a beautiful wax-like appearance, of exquisite form.
- Madame de Cambacere**, rosy crimson, large and full.
- Madame Sophie Fropot**, soft rosy pink; very delicate, large, full, globular.
- **Mdle. Eugenie Verdier**, bright flesh-colored rose, the reverse of the petals silvery white, very large and full, fine form and habit.
- *Mdle. Annie Wood**, vivid crimson, very large, and one of the most perfect form.
- *Mdle. Marie Rady**, red, bordered with white, very large and full.
- Mdle. Marie Verdier**, brilliant red, large and full, free-flowering.
- ***Marguerite de Roman**, flesh-white, centre rosy pink, fine.
- **Marie Baumann**, brilliant light crimson, large, full, fine form.
- **Merveille de Lyon**, beautiful pure white, cup-shaped, very large; sometimes measuring more than four inches in diameter.
- *May Quennell**, brilliant magenta-carmine, shaded with crimson, very large, very full, and of perfect globular form.
- *Magna Charta**, bright pink, suffused with carmine, very large, full, fine.
- *Marshall P. Wilder**, cherry carmine like a lighter colored *Alfred Colomb*, very fine, in shape like that variety.
- *Mabel Morrison**, pure white, in Autumn, very delicately and faintly flushed with pink.
- *Mrs. Harry Turner**, dazzling crimson scarlet, with rich maroon shading; very bright, free, good garden rose.
- *Marquise de Castellane**, beautiful bright rose, very large and full, form perfect; blooms freely.
- Monsieur Alexis Lepere**, bright red, large, full, globular.
- Monsieur Fillion**, bright rosy-magenta, changing to purplish rose.
- Marchioness of Exeter**, clear rose, flushed with a light cherry-rose, very large, finely built up form, fragrant.
- Marguerite Brassac**, deep velvety carmine, very large, full, finely formed.
- Oxonian**, shaded rose, large and full, fine form.
- ****Paul Neron**, dark rose, fine form, large and full; a seedling from *Victor Verdier*.
- Prince Camille de Rohan**, velvety crimson.
- Penelope Mayo**, carmine, clear, distinct, medium, very full, and a model as to shape.
- Perfection de Lyon**, rose, reverse of petals lilac, perfect cupped form.
- Princess Mary of Cambridge**, beautiful bright pale rose, large and full, abundant bloomer.
- *Queen of Waltham**, cherry-crimson, good size and form, fragrant.
- Queen of Queens**, pink, with blush edges, large, full, of perfect form, grows and flowers freely.
- Rosy Morn**, delicate peach color, richly shaded, with salmon rose.
- **Souvenir de Madame Victor Verdier**, deep rose, large and full, very fragrant.
- Star of Waltham**, deep carmine, large well-built flower, with deep fine petals.
- Sultan of Zanzibar**, blackish maroon, each petal edged scarlet; full globular form, beautiful and novel; alone for brilliancy.
- *Thomas Mills**, very brightest crimson, large, particularly showy, fine bold flower.
- Ulrich Brunner**, cerise-red, with large petals; flowers large; a seedling from *Paul Neron*.
- Vicomte Vigier**, very dark purple crimson, large and distinct.
- *Victor Verdier**, beautiful deep carmine, large and well formed.
- *Violette Bouyer**, white, shaded with very delicate flesh-color; large and finely shaped.
- ****White Baroness**, a pure white sport from *Baroness Rothschild*, similar in all respects except color.

Prices: Large plants, 50 cents each; \$4.00 per dozen; \$35.00 per 100.

Special prices for larger quantities upon application.

Please bear in mind, the roses we offer are vastly superior to those procured from American nurseries.

CLIMBING ROSES.

- Blairii**, a new variety that is unsurpassed as a climber; color, rosy-blush; very large and delightfully fragrant flowers; borne in profusion all summer; perfectly hardy.
- Climbing Victor Verdier**, a perpetual blooming, hardy, climbing rose; color, beautiful, deep carmine; large and well-formed.
- Gloire de Dijon**, buff, orange centre; splendid foliage; tea scented.
- Baltimore Belle**, pale blush, changing to white; fine.
- Queen of the Prairies**, bright, rosy red; frequently with white stripe.

Strong Plants. Fifty Cents each; \$4.00 per dozen.

See Special Offers third page of cover.

MOSS ROSES.

Crested Moss. Rose, large and full; beautiful.
Glory of Mosses. Blush, very large and full.
Laneii. Rosy crimson, tinted purple; large and full.

Little Gem. Crimson, very small, and double; beautifully mossed.
Princess Adelaide. Pale, glossy rose.
Reine Blanche. Pine white, large and full.

Strong plants, Fifty Cents each; \$4.00 per dozen.

AUSTRIAN ROSES.

These are the showiest yellow roses in cultivation; very profuse bloomers, their bright flowers literally covering the bush.

Harrisoni, fine golden yellow.

Persian Yellow, the deepest yellow.

Fifty Cents each; \$4.00 per dozen.

POLYANTHA, OR FAIRY ROSES.

These are of low, compact habit, producing small, graceful flowers in great abundance. They are perfectly hardy, and will bloom through the hottest and driest months of summer. Excellent for a border in front of a rose-bed, and for vases. The flowers are especially adapted for personal wear. A most exquisite class, rapidly gaining in popular favor, which they richly deserve.

Little Gem, white, slightly tinted with pink.
Mme. Cecile Brunner, salmon rose, buff shaded.
Mignonette, blush; very fragrant and free-flowering.

Paquerette, pure white; dwarf and free-flowering.
Perle d'Or, saffron yellow, deeper in centre, edges white; very fine.

Price, small plants, 35 cents each; \$3.50 per dozen; large plants, 50 cents each; \$5.00 per dozen.

SUMMER BEDDING PLANTS, FLOWERING AND FOLIAGE.

	Doz.	100.		Doz.	100.
Abutilon, in variety	\$1.50	\$10.00	Geranium, double, red, rose, pink, and white	1.50	8.00
Achyranthes, Collinsii	1.00	8.00	Geranium, single, scarlet, white, pink, red	1.50	8.00
Achyranthes, Emersoni	1.00	8.00	Geranium, single, bronzed-leaved	1.50	8.00
Ageratum, best dwarf, blue	1.00	6.00	Geranium, single, silver-leaved	1.50	8.00
Alternanthera, dwarf, scarlet . . . .	.75	6.00	Heliotropes	1.00	8.00
Alternanthera, dwarf, yellow . . . .	.75	6.00	Lantanas, choice varieties	1.00	8.00
Alyssum, double, white . . . .	.75	6.00	Lobelias, various sorts . . . .	.50	4.00
Alyssum, variegated foliage . . . .	.75	6.00	Lemon Verbenas	1.50	10.00
Asters, pure white . . . .	.50	4.00	Marigold, dwarf, French . . . .	.75	6.00
Asters, assorted colors . . . .	.50	4.00	Marigold, dwarf, African . . . .	.75	6.00
Begonias, choice varieties	1.50	10.00	Nasturtium, tall, for trellises, etc. . . .	.75	6.00
Caladium Esculentum, ornamental foliage	2.50		Nasturtium, dwarf, beds or borders . . . .	.75	6.00
Cannas, assorted colors, extra	1.75	15.00	Pansies, extra large flowered . . . .	.50	4.00
Cannas, Crozy's choice new varieties	3.00		Pansies, choice fancy, assorted colors	1.00	8.00
Calendula, deep yellow . . . .	.75	6.00	Petunia, double, choice varieties	1.50	10.00
Centaurea Candidissima, silvery foliage	1.00	8.00	Petunia, single, dwarf or tall . . . .	.75	6.00
Centaurea Gymnocarpa, silvery foliage . . . .	.75	6.00	Phlox, all colors . . . .	.75	6.00
Cobæa, Scandens	1.50	10.00	Salvia, scarlet for beds, etc. . . .	1.50	10.00
Coleus, fine varieties . . . .	.60	5.00	Stocks, double, ten weeks	1.50	10.00
Coleus, new varieties, extra	1.00	8.00	Verbena, assorted colors, extra . . . .	.75	5.00
Cuphea, cigar plant	1.00	8.00	Vincas, red and white	1.50	10.00
Feverfew, double white, free-flowering	1.00	8.00	Zinnias, assorted colors . . . .	.75	5.00
Feverfew, golden (<i>golden fea.</i>) yellow . . . .	.75	6.00			
Fuchsias, various fine sorts, small pl's	1.20	9.50			

HARDY ASTERS.

We have in this class some of the most showy, as well as really beautiful and interesting flowering plants in cultivation. All are quite hardy, graceful in habit, and bear such profusion of flowers that they are invaluable in the garden, especially as they blossom when the scarcity of hardy flowers is most marked. The color of the flowers has the widest range; all shades of white, blue, red, yellow and purple being included. Hardy asters will thrive in the grass or any rough spot and always bloom fully the first season planted.

- A. Alpinus.** 9 in. July. Bright purple.
A. Amellus Bessarubicus. 2 ft. Rich purplish-blue flowers with orange centre; one of the finest. 25c.
A. Chapmanni. Numerous heads of small flowers of a light clear blue. 15c.; \$1.50 doz.
A. Ericoides. 3 ft. White with yellow centers, flowers in October; small, but very elegant. 15c.
A. Horizontalis. Numerous branching stems smothered with red and white flowers; pretty, neat habit. 15c.
A. Hybridus Nanus. 18 in. A neat variety, and smothered with bright pink and white flowers. 15c.
A. Longifolius Formosus. 3 ft. October. A dwarf-growing variety, which is a cloud of very large, bright, rose-colored blossoms; a superb aster. 25c.

- A. Multiflorus.** 3 ft. Small white flowers in multitudes. 15c.

- A. Novæ Angliæ.** 4 ft. Our grandest American species, with thousands of big, violet-purple blossoms; a grand aster; 15c.

- A. N. Roseus.** 4 ft. A most charming variety of the above, with all shades of rose and crimson. The most magnificent of all hardy asters. 25c.

- A. Townshendi.** It is one of the finest of the race; a really grand and beautiful aster, and one which should be grown in every collection. It is perfectly hardy, free flowering, growing 2½ feet, producing masses of large rich purplish-blue flowers with orange yellow centre. 25c.

See Special Offers on third page of cover.

HELIANTHUS.—Perennial Sunflowers.

These form a very important group of bold, showy autumn flowering plants, indispensable for large borders, woodland walks, planting shrubbery, etc.

- H. Decapetalus.** 5 feet. September to frost. Fine free-flowering form, with clear yellow flowers, immense panicles. 20 cts. each; \$2.00 per dozen.
- H. Lætiflorus.** A grand perennial sunflower; flowers large and of a rich dark yellow color, the disc also being yellow. Extra strong clumps. 25 cts.
- H. Japonicus.** This resembles in many respects *H. rigidus*, but is far the best of the two. The flowers are deeper in color, of a better formation, and about 3 weeks earlier in bloom. 20 cts.; \$1.50 per dozen.
- H. Maximus.** The Great Perennial Sunflower. An enormous growing variety, 6 to 7 feet, producing immense golden flowers, almost as large as the annual species. This should be grown in every garden

where sufficient space could be found for it. *The Garden* says: "It is in our opinion the most beautiful of all sunflowers." 25 cts.

H. Plenus. This is the Double Perennial Sunflower, one of the most useful perennials we have. 20 cts.; \$2.00 per dozen.

H. Orgyalis. A remarkable species, 10 feet high, with foliage as long and narrow as willow leaves, and blooming latest of all, in October, at the tips, high up in the air. Exceedingly graceful and beautiful. 25 cts.

H. Multiflorus Grandiplenus. The true variety, a very superior form with flowers much brighter and better shape than *Multiflorus Plenus*. 25 cts.

PYRETHRUMS.

A genus of very interesting, hardy herbaceous plants, which only require planting in the open border and the usual treatment of herbaceous perennials. The double varieties produce in abundance from May to September large Chrysanthemum-like flowers in a great variety of colors. The single sorts are similar to the double in foliage, growth, and free-flowering qualities.

DOUBLE VARIETIES.

- Aurora.** Sulphur white, with lemon centre.
- Captain Nares.** Bright crimson.
- Flora.** Blush, large flower.

25 cents each; \$2.50 per dozen.

SINGLE VARIETIES.

Beatrix. Pink, base of petals shaded white.

Coccinea. Rich reddish purple.

Ghost. Pure white, large flower.

25 cents each; \$2.50 per dozen.

CLEMATIS (Virgin's Bower).

Elegant, slender plants of rapid growth, handsome foliage, and beautiful large flowers. Perfectly hardy, with a slight root covering.

Miss Bateman. White; chocolate-red anthers. 50 cents and \$1.00 each.

Flammula (*European Sweet Clematis*). Flowers small, white, and very fragrant. 25 and 50 cents each.

Fortunei. Double; rosette formed; creamy white; fragrant. 50 and 75 cents each.

Jackmanni. Large, intense violet-purple remarkable for velvety richness; free in growth, and an abundant and successive bloomer. 50 and 75 cents each.

Jackmani Alba. Like preceding, except in color, which is pure white. 50 and 75 cents each.

Lawsoniana. Large rosy purple, darker veins. 50 cents each.

Mrs. James Bateman. Pale lavender. 75 cents and \$1.00 each.

Virginiana (*Amer. White Clematis*). A remarkably rapid climbing plant, growing to the height of twenty feet, producing an immense profusion of flowers in August. 25 and 50 cents each.

HARDY CLIMBING PLANTS.

Actinidia Polygama. A strong, clean vine from Japan. 50 cents each.

Akebia Quinata. Of rapid growth, with shining foliage and bluish clusters of fragrant flowers. 35 and 50 cts.

Ampelopsis Englemanni. A variety of the Virginia Creeper, with bright foliage; fine color in the autumn; and tendrils, which enable it to support itself like *A. Veitchii*. 25 and 35 cents.

Ampelopsis Quinquifolia (*Virginia Creeper*). Well-known climber; very vigorous. 25 cents each.

Ampelopsis Veitchii (*Boston Ivy, Japanese Ivy*). Well-known, particularly around Boston. It grows rapidly, and clings to a wall or fence with the tenacity of Ivy; the foliage is handsome in the summer, and changes to a crimson-scarlet in autumn. For the ornamentation of brick or stone structures, it can be especially recommended. 25 cents each; \$2.50 per dozen.

Bignonia Radicans (*Trumpet Vine*). A quick-growing vine, bearing large scarlet flowers, very brilliant. 25 and 50 cents each.

Celastrus Scandens (*Roxbury Wax Work*). A vigorous vine with conspicuous orange-scarlet berries in autumn. 35 and 50 cents each.

Euonymus Radicans. Variegata, retains its glossy green and white foliage through the winter; nice plants 25 and 50 cents.

Honeysuckle, Hall's Japan. Abundant, vigorous foliage retained until early winter, flower white and yellow, fragrant. 35 and 50 cents.

Honeysuckle, Scarlet. Strong, rapid grower, bright scarlet. 35 and 50 cents.

Honeysuckle, Belgica. Dutch monthly, very sweet scented, red and buff. 25 and 35 cents.

Silk Vine. A rapid growing vine, will make 30 to 40 feet in a season. 35 to 50 cents each.

Wistaria Chinensis. One of the most elegant and rapid growing of all climbing plants, bearing long pendulous clusters of pale blue flowers in May and June. 50 and 75 cents each.

Wistaria Chinensis Alba. White, otherwise similar to preceding. 75 cents and \$1.00 each.

HARDY FLOWERING SHRUBS.

Almond (*Prunus Jap. Rubra fl. pl.*). Double pink flowers. Large plants, 50 cents.

Almond (*Prunus Jap. Alba fl. pl.*). Double white flowers, beautiful. 50 cents.

Althæa purpurea plena (*Rose of Sharon*). *Hibiscus*. 35 and 50 cents each.

Althæa Striata. Carnation striped. 35 and 50 cts. each.

Althæa. Double variegated. 35 and 50 cents each.

Andromeda Floribunda. A pretty evergreen plant with rich, dark-green foliage, and pure white flowers in great abundance in spring. \$1.00 each; extra size, \$2.00 each.

Azaleas. Ghent Hybrids, perfectly hardy, and of many brilliant colors. Fine plants, \$1.00; large sizes, \$2.00 and \$2.50.

HARDY HERBACEOUS PERENNIAL PLANTS.

This collection, retail value \$12.95, will be delivered free, as per Special Offer No. 1, on receipt of \$10.00.

CLASS.	H'G.T.	TIME.	PRICE.	CLASS.	H'G.T.	TIME.	PRICE.
Achillea (Yarrow), double, white . . .	1½	July	.25	Lychnis Chalcedonica (Scarlet Lych- nis), brilliant scarlet; neat and showy	2½	June & July	.35
Aconitum (Monkshood), blue . . .	2	July	.25	Lychnis Flos-Cuculi (Ragged Rob- in), double, dark red; a very hand- some border plant . . .	1	June	.25
Adam's Needle. See <i>Yucca</i> .				Monkshood. See <i>Aconitum</i> .			
Adonis (Pheasant's Eye), yellow . . .	1	April	.25	Oenothera Macrocarpa (Evening Primrose), yellow; large, opens to- wards evening, a very fine plant, stems prostrate, spreading . . .	½	June & July	.35
Allium Moly (Golden Allium), yellow	1½	June	.75	Oenothera Speciosa (Evening Prim- rose), white; fragrant . . .	1½	Summer	.35
Althea Rosea (Hollyhock); we have a fine collection of the best double sorts of all shades . . .	6	August	.25	Papaver Orientale (Oriental Poppy), bright scarlet, spotted with purple; large and fine . . .	2½	June	.25
Alyssum Saxatile Compactum (Golden Tuft), bright yellow . . .	1	May	.25	Papaver Orientalis Parkmanii (Parkman's Poppy), a variety of the preceding, with flowers nearly double in size, more intense scarlet, and the black spots on each petal larger and darker; a magnificent plant, one of the best novelties; no flower ap- proaches this in brilliancy of coloring, and we recommend it most strongly	3	June	.30
Anemone Japonica (Japan Anemone), pink, yellow stamens . . .	2	Sept. & Oct.	.25	Pentstemon Barbatus Torreyi (Tor- rey's Penstemon), racemes of bright crimson flowers; very showy . . .	3	July to Sept.	.25
Anemone Japonica Alba (Honorine Jobert), large pure white flowers; continues to flower very late in fall .	2	Oct. & Nov.	.25	Pheasant's Eye. See <i>Adonis</i> .			
Aquilegia Chrysantha (Golden Col- umbine), large, orange . . .	3	June & July	.30	Phlox Decussata (Perennial Phlox), large variety, white carmine, salmon, purple, lilac, rose, etc. . . .	3	July to Oct.	.25
Aquilegia Cœrulea (Columbine), beau- tiful blue and white . . .	3	June & July	.35	Phlox Subulata (Moss Pink), dwarf plant, with mossy evergreen foliage, covered with delicate flowers; there are varieties with pink, purple, white, and rosy-eyed flowers . . .	¼	May	.25
Armeria (Thrift), pink; fine for bor- dering . . .	½	Summer	.25	Platycodon Grandiflora (Large Bell- flower), large deep blue, bell-shaped	2	July & Aug.	.25
Bell Flower. See <i>Campanula</i> .				Platycodon Grandiflora Alba (Large White Bellflower), a white variety of the foregoing . . .	2	July & Aug.	.25
Bleeding Heart. See <i>Dicentra Spec- tabilis</i> .				Poppy. See <i>Papaver</i> .			
Bocconia Japonica , cream-colored flowers in pyramidal clusters . . .	8	August	.25	Pyrethrum Hybridum , single and double, various colors . . .	1	July	.30
Campanula Garpatica (Carpathian Bell-flower), bright blue; compact .	1	Jun. to Aug.	.25	Ragged Robin. See <i>Lychnis Flos- Cuculi</i> .			
Columbine. See <i>Aquilegia</i> .				Sedum Acre (Stone Crop), low, com- pact, creeping plant, fine for rock- work in poor soil, flowers yellow .	2	June	.10
Coreopsis Lanceolata (Lance-leaved C.), bright yellow; a mass of flowers all summer, fine . . .	2	Summer	.20	Sempervivium (House Leek), thick, glaucous leaves in rosettes, fine vari- ety of colors, both flowers and leaves	2	July	.15
Day Lily, Purple and White. See <i>Funkia</i> .				Speedwell. See <i>Veronica</i> .			
Delphinium Formosum (Perennial Larkspur), long spikes of bright blue flowers; splendid . . .	3	June	.25	Stone Crop. See <i>Sedum</i> .			
Dianthus Barbatus (Sweet William), fine colors . . .	1	June	.20	Sunflower. See <i>Helianthus</i> .			
Dianthus Plumarius (Garden Pink), pink; fine for bordering . . .	½	July	.20	Sweet William. See <i>Dianthus Bar- batus</i> .			
Dicentra Spectabilis (Bleeding Heart), pink and white . . .	2	May & July	.25	Trillium Grandiflorum (Large-flow- ered Wake Robin), large pure white flowers, changing to rose . . .	1	May	.25
Dictamnus Fraxinella , purple, in spikes; whole plant strongly scented	2	June & July	.35	Thrift. See <i>Armeria</i> .			
Erysimum Pulchellum (Treadle Mus- tard), bright yellow; for rock-work .	½	April	.25	Veronica Amethystina (Speedwell), fine spikes of blue flowers . . .	½	June	.25
Eupatorium Argeratoides (White Thoroughwort), white . . .	3	June & July	.25	Veronica Repens (Creeping Speed- well), white, veined with blue; fine for rock-work . . .	1	June	.25
Euphorbia Corollata (Flowering Spurge), pure white; fine for cutting	3	July to Oct.	.25	Wake Robin. See <i>Trillium</i> .			
Evening Primrose. See <i>Oenothera</i> .				Yarrow. See <i>Achillea</i> .			
Funkia Lanceolata (Purple Day Lily), racemes of light purple flowers . .	2	August	.25	Yellow Day Lily. See <i>Hemerocallis Flava</i> .			
Funkia Subcordata (White Day Lily), white, fragrant . . .	2	Summer	.25	Yucca Filamentosa (Adam's Needle), long, wide, sword-shaped leaves, with white threads on edges; flowers cream-colored, 1½ to 2 inches in dia.	4	August	.50
Gentiana Acaulis (Blue Gentian), rich blue; vase-formed, stemless . . .	¼	May	.50				
Golden Tuft. See <i>Alyssum</i> .							
Helianthus Multiflorus , fl. pl. (Double Perennial Sunflower), hardy, double, golden-yellow; flowers three inches in diameter, profusely pro- duced; very beautiful . . .	5	Aug. to Nov.	.25				
Hemerocallis Flava (Yellow Day Lily), bright yellow; fragrant . . .	2	July	.25				
Hollyhock. See <i>Althea Rosea</i> .							
Hyacinthus Candicans (Summer- flowering Hyacinth), drooping, white flowers, 20 to 50 on a stem; a mag- nificent plant, entirely hardy here .	3½	August	.25				
Larkspur, Perennial. See <i>Delphin- ium</i> .							
Leek, House. See <i>Sempervivium</i>							

HARDY FLOWERING SHRUBS, continued.

Azalea Mollis. A new type, flowering earlier than the *Ghent*, and in color and form approaching the Indian varieties. 75 cents to \$1.00 each.

Barberry (*Berberis Thunbergii*). A low growing shrub of arching habit; the foliage changes to many brilliant colors in the fall. Strong plants. 50 cents each.

Calycanthus Floridus. Strawberry tree or sweet scented shrub, dark flowers. 50 cents; small plants, 25 cents.

Corchorus Japonica (*Kerria*). A small shrub with bright green leaves, and clear yellow flowers. 35 and 50 cts. each.

Cornus Elagantissima. With variegated foliage, the leaves are marked with silvery white, very attractive. 50 cents each.

Daphne Cneorum. A low growing evergreen, produces panicles of bright pink flowers. 50 cents each.

Deutzia Gracilis. Compact, filled with starry white flowers. 35 and 50 cents each.

Deutzia Crenata fl. pl. Flowers double white, tinged with rose. 35 and 50 cents each.

Deutzia C. fl. Alba pl. With very double pure white flowers. 35 and 50 cents each.

Elder, Golden. Very effective for its bright yellow foliage. 25 and 50 cents each.

Eleagnus Longipes. A new fruit-bearing ornamental shrub from Japan, a decided novelty. 75 cents each.

Exochorda Grandiflora. A choice shrub of strong upright growth, producing a profusion of large, snowy-white flowers in June. 50 and 75 cents each.

Forsythia Suspensa. Trained as a standard, it becomes one of the most beautiful weeping shrubs, covered with bright golden yellow blossoms early in summer. Dwarfs, 25 and 50 cents each; standards, 75 cents and \$1.00 each.

Hydrangea, Paniculata Grandiflora. Flowers white in great pyramidal panicles, about a foot long. 50 cents, 75 cents, and \$1.00 each.

Kalmia Latifolia. A choice native evergreen shrub with shining foliage, and dense clusters of pink or nearly white flowers. \$1.00 to \$1.50 each.

Lilac (*Syringa*). Common bluish purple flowers. 25 and 50 cents each.

Lilac (*S. Alba*). Pure white. 25 and 50 cents each.

Mock Orange or Syringa (*Philadelphus*). Of compact habit, with creamy white flowers, deliciously fragrant. 35 and 50 cents each.

Mahonia Aquifolia. A handsome shrub with shining prickly leaves, and showy bright yellow flowers in May, followed by large clusters of purple berries. 25 cents each.

Pyrus Japonica (*Cydonia*). Japan Quince, flowers bright scarlet, very showy. 25 and 50 cents each.

Rhus Cotinus. The well-known smoke bush. 3 ft., 25 cts.; 5 ft., 50 cts. each.

Spiræa Aurea. Frequent pinching produces a deep golden yellow color. 35 and 50 cents each.

Spiræa Thunbergii. Dwarf, flowers early, very pretty. 35 and 50 cents each.

Spiræa Van Houttei. The most profuse flowering of all the Spiræas, the bush being a mass of white bloom. 35 and 50 cents each.

Snowball (*Viburnum Plicatum*). A great improvement on the old-fashioned sort, with dark green foliage, and superb trusses of white flowers in midsummer. 50 and 75 cents each.

Weigelia Rosea. Well known, very free-flowering. 35 and 50 cents each.

Weigelia Lowii. This variety has dark crimson flowers with white stamens, very free-flowering. Strong plants. 50 cents each.

Xanthoceras Sorbifolia (*new*). Introduced from Mongolia, one of the most important introductions of the last few years; forms a shrub or small tree, flowers five petaled, white, copper colored at base, disposed in racemes about 8 inches long. Strong plants. 75 cts. each.

RHODODENDRONS.

We draw our supply of Rhododendrons from what we believe to be the finest stock in the world. All the plants, even the small sizes, are symmetrical in form, well furnished, and have good fibrous roots that make transplanting comparatively safe.

Rhododendron Catawbiense. A profuse flowering and perfectly hardy native sort, is the parent of all our hardy named varieties, it having been hybridized with *R. Arboreum*. The plants are of symmetrical shape, and seldom exceed 4 feet in height. The varieties embrace colors from nearly pure white to dark crimson. All the hardy sorts are of easy culture, growing freely in almost any good loamy soil, but they prefer a peat soil, and a moist situation, protected from cold winter winds. When first planted, they should be mulched to prevent evaporation, and to keep the roots cool.

Alarm, white with crimson edge.
Aurora, light rose, large truss.
Album Elegans, blush, changing white.
Barclayanum, deep rosy crimson.
Blandyanum, rosy crimson.
Chas. Bagley, cherry red.
Chas. Dickens, dark scarlet.
Concessum, clear pink.
Duchess of Sutherland, rosy lilac.

Everestianum, rosy lilac.
John Waterer, dark crimson.
Lady Eleanor Cathcart, pale rose.
Lady Francis Crossley, rosy pink.
Lady Strangeford.
Lord Palmerston, rosy crimson.
Mrs. Frederick Hankey, rich salmon.
Mrs. John Clutton, pure white.
Mrs. John Waterer, bright rose.
Mrs. R. S. Holford, rich salmon.
Mrs. William Bovill, fine rosy scarlet.
Old Port, distinct rich plum.
Perfection, blush, yellow-eye.
Princess Mary of Cambridge, light blush.
Rosabel, pale rose, fine habit.
Sir Chas. Napier, light rose.
Sir Chas. Seabright, rich purple.
Sultana, white.
The Queen, blush, changing to white.

PRICES.

Good Plants, 18 to 20 inches, budded, \$1.00; per hundred, \$85.00.
 Strong Plants, 20 to 24 inches, budded, \$1.50; per hundred, \$125.00.
 Extra Plants, 24 to 30 inches, budded, \$2.00; per hundred, \$175.00.

EVERGREENS.

Arbor Vitæ (*Thuja occidentalis*). Common American form. 25 cents, 50 cents.

Fir Balsam (*Abies balsamea*). Erect, regular pyramidal tree, rapid grower, very hardy. 50 cents to \$1.00 each.

Fir, Douglass. Hardy, and very ornamental. Price \$1.00 each.

Fir Nordmann's. Dark rich green foliage, silvery underneath. 1½ feet, \$1.00 each; 3 feet, \$5.00 each.

Juniper Virginiana (*Red Cedar*). Native variety. 3 feet, 50 cents; 5 feet, \$1.00.

Pine, Swiss Stone (*P. Cembra*). Short needles, compact growth, very attractive. 3 feet, \$1.00.

Special offer No. 2 only applies to articles on this page.

EVERGREENS, continued.

Pine, Austrian. Stout growth, long needles, perfectly hardy in bleakest exposure. 1 ft., 25 cts.; 3 ft., 75 cts. ea.
Pine, White (*P. Strobus*). The most ornamental of all our native pines. 2 feet, 50 cents; 5-6 feet, \$1.00 each.
Retinospora Aurea (*Cypress*). Of bright golden color. 3 feet, \$1.00.
Retinospora Plumosa. Very hardy, with graceful plume-like foliage. 3 feet, 50 cents; 4-5 feet, \$1.00.
Spruce, White (*Picea Alba*). A very hardy native tree. 2 feet, 50 cents; 3 feet, \$1.00.

Spruce, Colorado (*P. Pungens*). Perfectly hardy, pyramidal in shape, foliage of a dark steel-blue color. 1 foot, 75 cents to \$1.00; 2 feet, \$1.00-\$2.00; 4 feet, \$1.50 to \$3.00, according to color.

Spruce, Norway (*Abies Excelsa*). An elegant tree, extremely hardy, of lofty, rapid growth, and pyramidal form. 2 feet, 50 cents; 5 feet, \$1.00 each.

Spruce, Hemlock (*Abies Canadensis*). Of good shape and habit. 3 feet, 50 cents; 5 feet, \$1.00 each.

HEDGE PLANTS.

Acacia, Three Thorned. Beautiful foliage, makes a strong and fine defence. \$8.00; 3 years, \$10.00 per 100.
Arbor Vitæ, American. Stocky plants. 1-1½ feet, \$10.00 per 100.
Barberry. Common kind, fruit is very conspicuous in the fall and winter. 2 years, \$6.00 per 100.
Barberry, Purple. Foliage soft purple, very beautiful. 1 foot, \$10.00 per 100; 2 feet, \$15.00 per 100.
Buckthorn. Makes a hardy and strong defence. 2 years, \$8.00; 4 years, \$15.00 per 100.

California Privet. Of rapid growth, very hardy. \$10.00 per 100.

English Privet. Hardy and very desirable. \$10.00 per 100.

Lilacs. The standard purple. 2-3 feet, \$10.00 per 100.

Lilacs. Chinese White. \$15.00 per 100.

Spruce, Norway. Unsurpassed for windbreaks or screens. Small plants, \$10.00 per 100; 2 feet, \$15.00.

Spruce, White. Rapid grower. Small plants, \$10.00 per 100; 2 feet, \$15.00 per 100.

SHADE AND ORNAMENTAL TREES.

Apple, Japan Crab (*Malus Halleana*). Also sold under the name of Parkman's Crab, a beautiful variety producing long, pink flower-buds, quite conspicuous. 50 cents, 75 cents, and \$1.00 each.

Ash, American White (*Fraxinus Alba*). A large, noble tree, 10 feet, 75 cents; 12 feet, \$1.00.

Ash, Weeping (*F. Pendula*). A beautiful tree of irregular form. 6-7 feet, \$1.00.

Ash, Mountain (*Sorbus Americana*). Very ornamental, bearing large clusters of shining red berries. 6-7 feet, 50 cents; 10 feet, \$1.00.

Beech, American (*Fagus Feruginea*). Compact form, with rich, glossy, attractive foliage. 5 feet, 50 cents; 7-8 feet, \$1.00.

Beech, Rivers Purple (*F. Atropurpurea*). The finest of all purple-leaved trees, beautiful as single specimens. 4 feet, \$1.50.

Beech, Cut Leaved (*F. incisa*). Distinct and fine. 4 feet, \$1.00.

Beech, Weeping (*F. Pendula*). A remarkable picturesque tree of curious growth. 4-6 feet, \$1.50.

Birch, European White (*Betula Alba*). A graceful tree with silvery bark, and slender branches, and elegant drooping habit. Price, 4-5 feet, 50 cents; 7-8 feet, \$1.00.

Birch, Canoe (*B. papyracea*). A native variety which attains great size. 5 feet, 50 cents; 8 feet, \$1.25.

Birch, Cut Leaved, Weeping (*B. pendula laciniata*). One of the most popular weeping trees, most beautiful as single specimens on the lawn. 5-6 feet, \$1.00. 8-10 feet specimens, \$2.00.

Catalpa Speciosa. A Western type, very desirable, being more hardy and finer in bloom than the common variety. 6-7 feet, 75 cents.

Chestnut, American (*Castanea Americana*). A tree of stately growth, very ornamental. 4-5 feet, 50 cents; 8 feet, \$1.00.

Chestnut, Horse (*Æsculus Hippocastnum*). Strong habit, magnificent foliage, and fine spikes of flowers in May and June. 4-5 feet, \$1.00; 6 feet, \$1.50.

Cornus, Florida. Of fine form, very effective when covered with its large, white, broad-petaled flowers. 4 feet, 75 cents.

Cornus, F. Rubra. Same as above except in color, which is bright red, very showy. \$1.00.

Elm, American (*Ulmus Americana*). The noble spreading and drooping tree of our own forests. 10-12 feet, \$1.00; 15 feet, \$1.50.

Elm, English (*U. Campestris*). An erect, lofty tree of rapid, compact growth. 8-10 feet, \$1.00; 15 feet, \$2.00.

Hawthorn, Double White (*Crataegus Alba fl. pl.*). Highly ornamental flowers and foliage. 6 feet, \$1.50. Choice specimens, \$2.00.

Hawthorn, Paul's Scarlet (*C. coccinea fl. pl. Paulii*). Flowers bright carmine, red, makes a striking contrast when planted with the white. 5-6 feet, \$1.50; Choice specimens, \$2.50.

Laburnum, Golden (*Cytisus*). A small tree producing freely long clusters of the brightest golden-yellow blossoms, of sweet-pea size and shape. 4 feet, 50 cents; 5-6 feet, \$1.00.

Larch, European (*Larix Europaea*). An elegant, rapid-growing, pyramidal tree. 4-6 feet, 75 cents.

Linden, American, or Basswood (*Tilia Americana*). A beautiful, rapid-growing, native tree with large leaves and fragrant flowers. 8 feet, 75 cents; 10 feet, \$1.00.

Linden, European (*T. Europaea*). Pyramidal tree of larger size. 7-8 feet, 75 cents; 8-10 feet, \$1.00.

Maple, Cut Leaved Weeping (*Acer Wierii Laciniatum*). A weeping silver-leaved variety with deeply cut foliage. 8 feet, \$1.00.

Maple, Japan (*Atrosanguineum Purpureum*). This is the richest crimson and the most brilliant, vigorous, and the best type of the Japanese varieties. \$2.00 each.

Maple, White or Silver-Leaved (*A. Dasycarpum*). A native variety of rapid growth, very beautiful. 8-10 feet, 75 cents; 10-12 feet, \$1.00; 13-15 feet, \$2.00 each.

Maple, Norway (*A. Plantanoides*). Of spreading habit, foliage dark green. 8 feet, \$1.00; 10 feet, \$1.25 each.

Maple, Sugar (*Acer Saccharinum*). Of vigorous growth, one of the best street trees. 10-12 feet, \$1.00; 12-15 feet, \$1.50.

Magnolia Acuminata (*Cucumber M.*). Of pyramidal growth, flowers yellow, tinted with bluish purple. Fine specimens. 5-6 feet, \$1.00.

Magnolia Macrophylla. Bearing leaves of immense size, and large white flowers. Fine specimens, \$1.50-\$2.00.

Magnolia Conspicua (*Chinese White*). A variety of great beauty; the flowers are large, pure white, and appear before the leaves. \$1.50-\$2.00 each.

Magnolia Soulangeana. Flowers white and purple, cup-shaped; foliage, large and glossy. Fine specimens, \$1.50 to \$2.00 each.

Mulberry, Downing's Everbearing (*Morus*). A rapid-growing tree which bears nice fruit. 4-5 feet, \$1.00.

Mulberry, Teas' Weeping. Absolutely hardy and free from disease, very vigorous in growth. 2 years old heads, \$1.50.

Oak White (*Quercus Alba*). One of the finest of American trees, of large size and spreading branches. \$1.00 each.

Oak, Red (*Q. rubra*). A native species of rapid growth. \$1.00 each.

SHADE AND ORNAMENTAL TREES, continued.

Poplar, Bolleana (*Populus*). Pyramidal growth. 8-10 ft., \$1.00.
Poplar, Lombardy (*P. fastigiata*). Well known and remarkable for its erect rapid growth. 6-8 ft., 50 cents; 8-10 ft., 75 cents.
Prunus Pissardi. One of the best novelties of late years. The wood and leaves are dark purple throughout the entire season. 5 ft., 50 cents; 8-10 ft., \$1.50 each.
Syringa Japonica (*Giant tree lilac*). It makes a stout tree with large rich foliage, and throws up well above the

leaves large clusters of white flowers about a foot long 2-3 ft., 75 cents each.
Willow, Kilmarnock (*Salix caprea pendula*). An exceedingly graceful tree with glossy foliage and perfect umbrella head \$1.00 each.
Willow, White (*S. Alba*). Rapid grower. Valuable for seashore. 6-8 ft., 50 c.; 10 ft., 75 c.; 12-14 ft., \$1.00 each.
Willow (*S. Babylonica*). Great Weeping Willow. An immense and beautiful tree with bright green foliage and pendent branches. 6 ft., 35 cents; 8 ft., 50 cents each.

FRUIT TREES.

APPLES.

We can furnish all varieties usually catalogued, but the following list comprises the most desirable sorts.

SUMMER.

Astrachan, large, crimson, very early.
Early Harvest, pale yellow, excellent, early.
Sweet Bough, large, pale yellow.
Williams, dark red, mild flavor.

AUTUMN.

Gravenstien, large yellow, striped red.
Fameuse (Snow apple), crimson, flesh white, excellent.
Porter, medium, bright yellow, good.
Pippin, fall, yellowish green, very fine.

WINTER.

Baldwin, large, dark red, productive, medium.
Golden Russet, medium, yellow, good flavor.

Hubbardston, large, yellow, splashed red, early.
King, large, striped red, excellent.
Lady, small, yellow and red, good.
Northern Spy, large, striped red, good keeper.
Rhode Island Greening, large, yellowish green, medium.
Roxbury Russet, extra quality, largest of the russets.
Tolman's sweet, medium, light yellow, excellent.
Murphy, of good size, "better than Baldwin," ripens in December and January, but can be kept until April, bears regularly every year, and an experienced and most careful judge says of it that he "does not know of an out about it." We offer a limited number of two-year old grafts at 50 cents each.

Price 35 cents, 50 cents, 75 cents, and \$1.00, according to size.

CRAB-APPLES.

Hyslop, October to January; deep crimson.
Red Siberian, September to October; small, red.

Transcendent, Sept. to Oct.; striped, red and yellow.
 Price 35 cents, 50 cents, and 75 cents each, according to size.

PEARS.

We can supply all varieties. Following are the leading kinds.

SUMMER.

Clapp. Very productive; large, juicy, and rich.
Bartlett. Large, clear yellow, juicy; late.
Doyenne d'Ete. Early, small; dotted red.
Gifford. Medium; greenish yellow, juicy, good.

AUTUMN.

Beurre Hardy. October; large, greenish russet.
Belle Lucrative. September; yellowish green, juicy, melting.
Bosc. October; large, russet, buttery, rich.
Comice. November; large, greenish yellow, juicy, mellow.
Duchess d'Angouleme. October; very large, greenish, very good.
Howell. October; large, light yellow, melting.
Louise Bonne. October; large, pale yellowish and red, juicy.

Seckel. September; small, dull brown, red-cheeked, sweet.
Sheldon. November; large, russet brown, very juicy.

WINTER.

Anjou. November—January; large, greenish yellow; red cheek, rich, high flavor.
Dana's Hovey. November; small, rusty yellow, rich, juicy.
Lawrence. January; medium, pale yellow, sweet.
Nellis. January; medium, of excellent quality.
Vicar. December; very large, yellowish green; cooking.
Wilden. New variety; ripens about August 1; of superior quality, free from rot at the core, very productive, and of the best flavor imaginable. \$1.00-\$1.50.
 Price, standards 5-7 feet, selected, \$0.75 Bearing trees, \$1.50 and \$3.00.

PEACHES.

EXTRA EARLY.

Amsden. July; greenish white and red, sweet, melting.
Alexander. July; medium, melting, juicy.
Waterloo. Juicy; flesh whitish green with red, very juicy.

EARLY.

Large Early York. August; large, handsome, white and red, juicy.
Coolidge's Favorite. August; medium, juicy, rich, freestone.
Mountain Rose. September; large, white and red, melting, good.

Crawford's Early. September; large, yellow, juicy, freestone.
Foster. September; similar to preceding, but of better quality.
Old Mixon. Sept.; large, white and red, juicy and rich.

LATE.

Crawford's Late. September; very large, juicy, good freestone.
Late Rareripe. September; large, white, very good.
Stump the World. September; medium, red and white good.

Price, 4 to 6 feet, 25 cents; large size, 50 cents.

Special Offer No. 2 only applies to articles on this page.

CHERRIES.

Coe's Transparent. June; medium, pale amber and red.
Black Tartarian. June; large, purplish black.
Black Eagle. July; large, tender, rich, juicy.
Downer's Red. July; light red, tender and juicy.

May Duke. June; large, dark red, tender, sub-acid.
Black Heart. July; medium, black, fine flavor..
Late Duke. July; large, dark red, sub-acid.
Price, 75 cents and \$1.00 each.

PLUMS.

Coe's Golden. September; large, light yellow, firm, rich and sweet.
Green Gage. September; large, greenish yellow, very fine.
Imperial Gage. August; large, greenish, juicy, and rich.

Jefferson. August; large, yellow and red, high flavor.
Lombard. September; medium, violet, red, juicy.
Washington.
Price, 75 cents and \$1.00 each.

QUINCES.

Orange or Apple. Large, roundish, bright yellow, productive.
Rea's Mammoth. A fine variety; golden yellow.

Champion. Vigorous and productive.
Meech. Comparatively new; quality unsurpassed.
Price, 50 cents, 75 cents and \$1.00 each.

APRICOTS.

We offer six varieties that are perfectly hardy in New England. Price, 3-4 feet, 40 cents each; set, six varieties, \$2.00.

CLEMATIS PANICULATA.

A comparatively new variety introduced only a few years ago. It is perfectly hardy, a rapid grower, and invaluable for covering porches or trellis work. It resembles our common wild Clematis, but the blossoms are produced in greater profusion of pearly whiteness and deliciously fragrant. It continues to flower late into September, when we have few shrubs and climbers in bloom.

Strong plants, 50 cents and 75 cents; \$5.00 and \$8.00 per dozen.

HERBACEOUS PAEONIES.

A wonderful change has been brought about in this class of plants by the hybridizers, who have introduced many new shades and tints, making the Pæony one of the leaders among hardy Perennials, on account of its showy and gorgeous colors.

They are of easy culture, requiring only a deep rich soil. We can supply strong plants of the different varieties, in shades of crimson, violet-purple, lilac, rose-pink, white, white tinted rose, red, scarlet-crimson.
 Price, 50 cents each; \$5.00 per dozen.

TREE PAEONIES (Paeonia Moutan).

A very showy class, perfectly hardy and of easy cultivation, earlier than preceding sort, and very free bloomers. In many colors, including dark purple, crimson, rose, salmon, scarlet, pure white, etc.
 Price, strong plants, \$1.50 and \$2.50 each.

HARDY PHLOXES.

A class of bright and showy hardy Perennials, producing large heads of bloom of great beauty, and every conceivable color from snow-white to purple, through the shades of rose, salmon, red, and crimson, many sorts being marked with a distinct eye.

Price, 25 cents each; \$2.50 per dozen.

HOLLYHOCKS, SILVER MEDAL STRAIN.

This strain has been awarded a silver medal by the Massachusetts Horticultural Society, and always obtained the first prize wherever exhibited. No other collection can approach this in variety of shades of color, length of spikes, profusion and texture of flowers and foliage.

We offer a fine lot of strong healthy plants raised from seed obtained from the originator, in all shades of white, carmine, dark maroon, salmon, apple-blossom, light and dark crimson, rose, yellow, purple, and variegated.

Price, in separate colors, 30 cents each; \$3.00 per dozen; \$20.00 per 100.

Price, mixed sorts, all colors, 25 cents each; \$2.50 per dozen; \$18.00 per 100.

SMALL FRUITS.

HARDY GRAPES.

We can supply all the really valuable sorts; the following varieties we can recommend for general culture;

Brighton, September; red, sweet, excellent.
 Concord, well known, very popular.
 Delaware, September; small, unsurpassed quality.
 Eaton, large, black, very juicy. \$1.00 each.
 Green Mountain, extra early, productive, strong. 1 year vines, \$1.50; 2 years, \$2.00.
 Hayes, white, sweet, juicy, good.
 Jefferson, large, bright-red, juicy; price, 50 cts.
 Moore's, early, large, black, earlier than Concord.
 Moyer, a new red variety from Canada, a cross between the Delaware and some native sort, juicy and sweet, hardy and productive plants; 1 year old, 50 cents; 2 years old, \$1.00.
 Niagara, large, white, melting sweet.
 Pockington, pale yellowish green, very sweet; 50 cts.
 Potter's Sweet, Sept.; black, very sweet; \$1.50 each.
 Vergennes, large, dark-red, sweet, juicy.
 Worden, black, very productive, good flavor.
 Price, except when noted, 1 year vines, 35 cts.; 2 years old, 50 cts.

GRAPE VINES FOR GRAPERIES.

The plants we offer were raised from cuttings of BEARING vines, and all grown in pots. During the last fifty years we have supplied thousands of vines to cultivators in all parts of the country. The following are the leading varieties:—

Black Alicante, berries large, good keeper.
 Black Hamburg, well known as one of the best.
 Buckland's Sweetwater, amber colored, large berries.
 Canon Hall, white, extra flavor.
 Foster's Seedling, excellent quality, white.
 Golden Hamburg, white, extra bunches, very fine.
 Lady Downes, large bunches, fine keeping grapes.
 Muscat of Alexandria, very fine.
 Muscat of Hamburg, fine, large bunches.
 Price, 75 cts. each. \$8.00 per dozen. Extra size, \$1.50 to \$2.00 each.

BLACKBERRIES.

	Per doz.	100
Early Harvest, extra early, productive .	\$1.00	\$5.00
Dorchester, very early, rich, and sweet .	1.00	6.00
Taylor's Prolific, very large, superior qual.	1.00	6.00

	Per doz.	100
Wachusett, hardy, good size and qual. .	\$1.00	\$5.00
Lucretia Dewberry, a trailing variety of immense size, sweet and luscious .	1.00	6.00

CURRENTS.

	Per doz.	100
Cherry, large, red, juicy, acid .	\$1.00	\$7.00
Fay, like cherry, but more prolific .	2.50	
La Versaillaise, very large, red .	1.00	7.00
Red Dutch, a well-known variety .	1.00	7.00

	Per doz.	100
White Dutch, the least acid kind .	\$1.00	\$7.00
White Grape, a fine variety .	1.00	7.00
Crandall, an improved sort, fruit very large. 25 cts. each; \$2.50 per doz.		

GOOSEBERRIES.

	Each.	Per doz.
Smith's Improved, large, light green .	\$0.20	\$1.50
Industry, very large, dark cherry red .	.25	2.50

	Each.	Per doz.
Houghton's, pale red, tender, sweet .	\$0.20	\$1.50
Downing, . . . . .	.20	1.50

RASPBERRIES.

	Per doz.	100
Cuthbert, red, firm, and superior quality	\$1.00	\$5.00
Gregg, largest and best black cap .	1.00	5.00
Hansell, early, crimson, fine quality .	1.00	5.00

	Per doz.	100
Shaffer's Colossal, of immense size .	\$1.50	\$10.00
Souhegan, earliest black, very productive	1.00	6.00

STRAWBERRIES.

We consider the following the best system for cultivating the strawberry:

Set your plants about one foot apart in the rows, and the rows three feet apart (it would take about fifteen thousand plants per acre at this distance), and allow them to make runners to fill up a space of about twelve to fourteen inches wide; that would give you a space about twenty-two inches wide for a path.

It is claimed that one can get two thousand quarts more fruit off the same ground grown in these narrow rows than by allowing them to run all over the ground, and the fruit is of better quality.

They should have from fifteen to twenty cords stable manure per acre, or one ton of ground bone, one-half ton muriate of potash, and four hundred pounds nitrate of soda to be thoroughly worked into the soil.

In field culture they should be worked once a week with cultivator, and gone over by hand once in two weeks; care should be taken after runners start, to work cultivator always the same way, to prevent breaking runners.

They should be mulched in fall after ground is frozen to protect from thawing and freezing during winter, and part of the mulch should remain during fruiting season.

Any good corn land will raise strawberries if properly fertilized.

For garden culture, set plants one foot apart in the row, and the rows two feet apart, keep the runners cut off and otherwise carry out the instructions as given above.

The varieties marked "P" are pistillate, and must have a row of staminate, of perfect-flowered varieties, planted say every ten feet among them. Those not marked "P." are staminate of self-fertilizing varieties.

Belmont (S.), a strong growing sort, dark crimson, one of the best.

Bubach, No. 5 (P.), a productive, bright scarlet variety, good carrier.

Haviland (P.), bright, glossy crimson, good quality, excellent grower, very productive on heavy soils.

Leader (S.), an extremely large berry, bright crimson in color, fine grain, exceedingly early, and continues in fruit a long time. \$1.50 per 100.

Lovetts (S.), an all-round general purpose berry, extra for shipping and table uses; berries bright crimson, remarkably firm, specially recommended as a fertilizing sort for pistillate kinds.

Marshall berries, very dark crimson, fine flavor, and good keeper, immensely productive; awarded first prize by Mass. Hort. Society. Doz., \$2.50; pot plants same price in August.

Parker Earle (S.), a new variety from Texas. A great producer of bright crimson fruit of extra quality. 100, \$1.50.

Shusters Gem. (P.), fruit large, beautiful bright scarlet, very vigorous grower, easily adapts itself to any soil or location.

Wolverton (S.), good size, and free from rust, deep scarlet in color.

Price, 30 cts. per doz.; \$1.00 per 100, except as noted.

Special Offer No. 2 only applies to articles on this page.

LABOR-SAVING IMPLEMENTS FOR THE FARM, GARDEN, LAWN AND GREENHOUSE.

(See pages xxi to xxiv of colored novelty insert.)

In our Agricultural Implement Department we offer only those articles whose merits are beyond question. The goods described in the following pages represent a very small portion only of an "up to date" stock of Agricultural Implements and Machines. We have in our warehouses the largest and best assortment in New England, and if you are in need of anything in this line, for use on the farm, garden and lawn, or in the greenhouse, we trust you will not hesitate to address us for information as to what is best adapted to your requirements, prices, etc. We have been established the past seventy-three years, and understand our business thoroughly; our long experience gives us confidence to assure you that your wants in our line will receive proper and careful treatment. In this catalogue, owing to limited space, the descriptions are not as complete as could be desired; this, however, we can obviate by mailing, on application, catalogues, circulars, etc., relating not only to the goods shown in this book but to any other article we offer.

SPECIAL OFFERS.

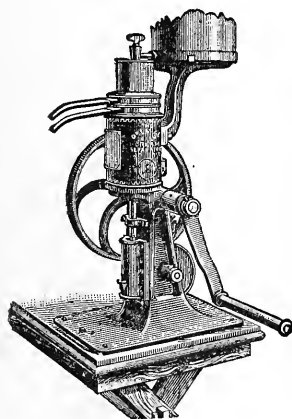
SEE THIRD PAGE OF COVER.

They apply on Implements and Machines just the same
as on Seeds, Plants, Fertilizers, etc.

CATALOGUES.

Our illustrated catalogues of Agricultural Implements, Machines, Dairy and Stable Supplies and Woodware, embraces in its two hundred and sixteen pages a description of the leading farm implements, and illustrations of the same, making it valuable as a work of reference to every farmer. Mailed on application.

THE DE LAVAL "BABY" CREAM SEPARATORS.



Baby No. 2.

The purpose of the *Cream Separator* is the expeditious and complete separation of cream from milk in the most practical manner possible.

The De Laval Separator is the invention of Dr. Gustaf de Laval, of Sweden, long esteemed one of the most practical scientists and prolific inventors of the time, and often fitly termed the "Edison of Dairying." It was introduced in Europe in 1879, and in this country several years later. Since its introduction—within these few years—the cream separator has fairly revolutionized dairying methods, and there are now some 60,000 De Laval machines in use, scattered far and near over every civilized country of the world.

The De Laval Cream Separators well sustained their world-wide prestige at the recent World's Columbian Exposition, Chicago, Ill., having been the only machines selected by the committee of experts and experiment station representatives for regular use in the great international breed test or practical working dairy, and having received the only award—consisting of medal and diploma—given to separators by the regular committee of judges in the exhibition department.

PRICE LIST.

No. 1	.	.	\$75.00.	No. 2	.	.	\$125.00.	No. 3	.	.	\$200.00.
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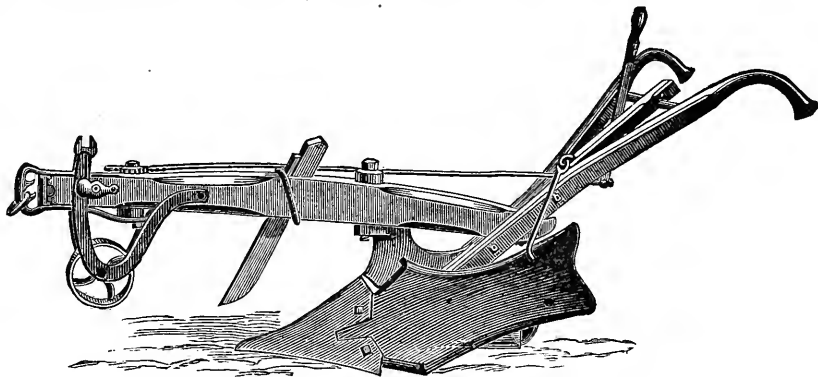
Essay, "A Practical 'Education' in the Varied Advantages of Centrifugal Separation," with full description and prices, mailed on application.

WE ARE NEW ENGLAND AGENTS FOR
WM. T. WOOD & CO.'S CELEBRATED ICE TOOLS.
Catalogues, prices, etc., mailed on application.

De Laval Separators not included in our Special Offers.

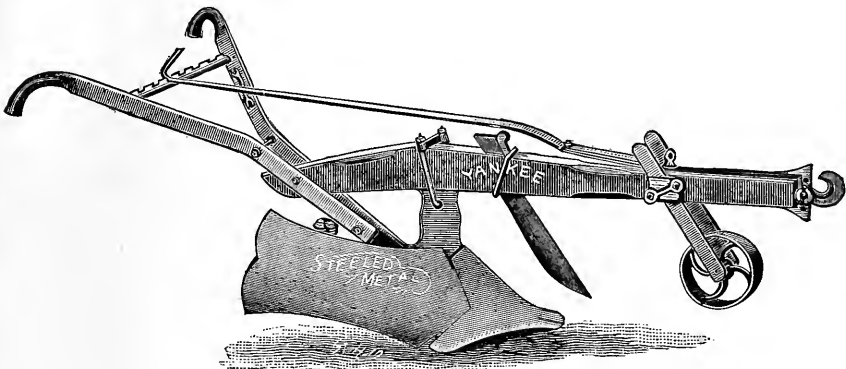
THE IMPROVED NORTH AMERICAN PLOW.
The Most Reliable Swivel Plow ever placed before the Public.

The great variety of Swivel Plows on the market, all with more or less claim to perfection, often put the farmer in a serious dilemma as to which he should purchase. Every Swivel Plow has some points of merit, but we claim, and our claim is based upon the expressed opinions of nearly every experienced farmer in New England, to have the only perfect Swivel Plow ever invented. Many think this Plow is too high-priced, but taking into consideration its many advantages over others, and the various kinds of work that can be done with it, it is by far the *cheapest* of any in the market.



PRICE LIST OF THE IMPROVED NORTH AMERICAN PLOWS.

No.	Description.	Without Steel Cutter or Wheel.		Without Steel Cutter.		With Steel Cutter and Wheel.	
		Manuf'r's J. B. & Sons'		Manuf'r's J. B. & Sons'		Manuf'r's J. B. & Sons'	
		Prices.	Net Cash Prices.	Prices.	Net Cash Prices.	Prices.	Net Cash Prices.
2.	For sward or old land, two Horse,	—	—	—	—	\$17.00	\$15.00
3.	For sward or old land, " "	—	—	—	—	16.00	14.00
4.	For one or two Horses,	—	—	\$14.25	\$12.00	15.00	13.00
5.	For light one-horse "Garden,"	\$11.00	\$9.00	12.00	10.00	13.00	11.00



THE YANKEE SWIVEL PLOW.

These plows are made from the Patent Steeled Metal, owned and controlled for the Eastern States solely by this company. It is not only harder than the chilled iron, being uniform throughout, but much less liable to breakage, while it scours readily in any soil.

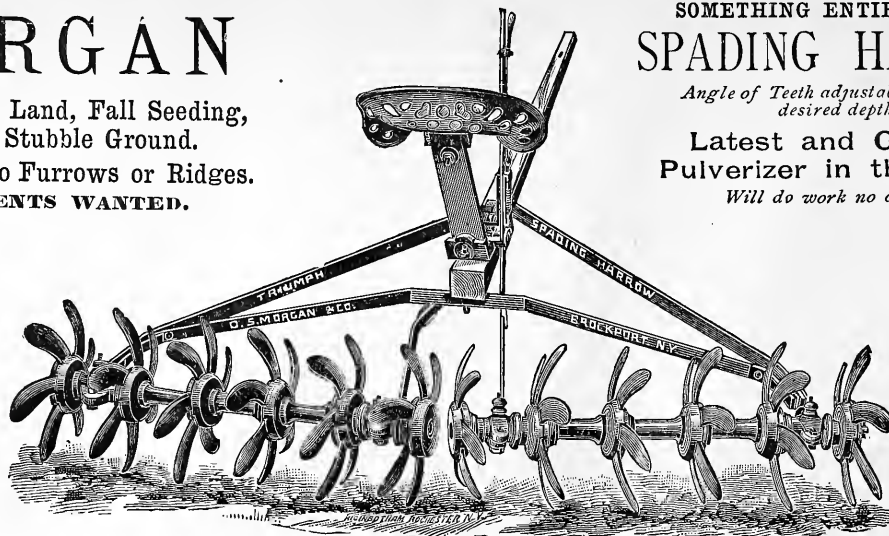
Number of Plow.	Description.	Plain.		With Wheel.		Wheel and Cutter.	
		List.		List.		List.	
		Net.	Net.	Net.	Net.	Net.	Net.
00	Small One Horse.....	\$7 75	\$7 00	\$8 75	\$8 00		
0	One Horse	8 00	7 25	9 00	8 25	\$10 00	\$9 00
1	Large One Horse, or Light Two Horse	10 50	9 50	11 50	10 50	13 00	12 00
2	Medium Two Horse	12 00	11 00	13 00	12 00	14 50	13 50
3	Large Two Horse	13 00	12 00	14 00	13 00	15 50	14 50
4	Three Horse	15 50	14 50	16 50	15 50	18 00	17 00

Number of Plow.	Description.	Plain.		With Wheel.		Wheel and Cutter.		Wheel and Jointer.		Wheel and Rolling Cutter.	
		List.		List.		List.		List.		List.	
		Net.	Net.	Net.	Net.	Net.	Net.	Net.	Net.	Net.	Net.
0 H	Same size as No. 0	\$8 50	\$7 50	\$9 50	\$8 50	\$10 50	\$9 50				
1 H	Same size as No. 1	11 00	10 00	12 00	11 00	13 50	12 50				
2 H	Same size as No. 2, with high stand-ard	12 50	11 50	13 50	12 50	15 00	14 00	\$15 50	\$14 00	\$16 00	\$15 00
3 H	Same size as No. 3, with high stand-ard	13 50	12 50	14 50	13 50	16 00	15 00	16 50	15 00	17 00	16 00

Descriptive Circulars sent on application.
See Special Offers on third page of cover

MORGAN

For Sod Land, Fall Seeding,
and Stubble Ground.
Leaves no Furrows or Ridges.
AGENTS WANTED.

SOMETHING ENTIRELY NEW.
SPADING HARROW.

Angle of Teeth adjustable to work at
desired depth.

Latest and Greatest
Pulverizer in the World.
Will do work no other can.

Fully War-
ranted and
Sold on its
Merits.

SIZE A, 2 GANGS—WORKS SOIL 6 FEET WIDE.

NO HARROW IN THE WORLD EQUALS IT IN OPERATION.

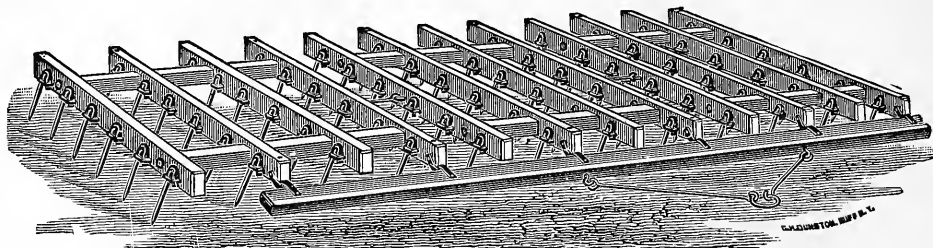
From our experience with the Morgan Spading Harrow during this, its second season, we do not hesitate in saying that for an *all-round general purpose Harrow*, the "Morgan has no equal." The Harrow has been placed in the hands of the most competent men in New England, and their universal report is, "It is the best I have ever used." We are so certain of its merits, that to any reliable person wanting a Harrow, we will send the Morgan on trial when requested to do so.

J. Breck & Sons' Net Cash Price List of Morgan Spading Harrows.

Morgan Spading Harrow, Plain	\$25.00
Morgan Spading Harrow, with Evener, Whiffletrees, and Neck Yoke	27.50
Morgan Spading Harrow, with Evener, Whiffletrees, Neck Yoke, and Cleaners	30.00

Descriptive Circulars and Testimonials mailed on Application.

THE IMPROVED REVERSIBLE SMOOTHING HARROW.



THE MOST ECONOMICAL HARROW

a farmer can possess, for while the common straight-tooth harrow is a tool that no tiller of the soil dispenses with, there are a large number of farmers who do not, as yet, fully understand the value of the Smoothing Harrow, — not only for its efficiency in levelling and pulverizing the plowed land, but also for its *immense labor-saving properties* as a

CULTIVATOR OF GROWING CROPS.

The Smoothing Harrow is known all over the United States as one of the greatest labor-saving implements in use. It will take the place of more farming tools than any other article manufactured, inasmuch as it is at once a pulverizer, a smoother or leveller, a cultivator, a horse-hoe, a broadcast weeder, a manure-spreader, and a seed-coverer.

A farmer can save a hundred dollars in *hoeing* corn or potato crops alone, in one season, by its use. It will cultivate corn eight inches high, with marked benefit.

The fundamental principle underlying its remarkable efficiency is THE DRAW CUT or THE SLANTING TOOTH, which distinguishes it from all of the old-fashioned harrows.

PRICE LIST.

	List Prices.	Net Prices.
Two section Smoothing Harrows, forty-eight $\frac{5}{8}$ -inch steel teeth, 7 feet spread	\$13.33	\$10.25
Three-section Smoothing Harrows, seventy-two $\frac{5}{8}$ -inch steel teeth, 10 $\frac{1}{2}$ feet spread	20.00	15.00
Seats, extra	2.50	2.25

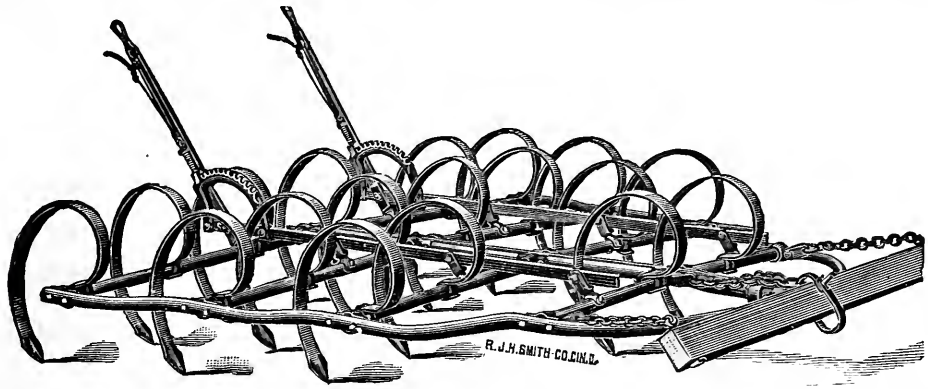
Large Descriptive Pamphlet mailed on application.

See Special Offers on third page of cover.

BLACK DIAMOND LEVER SPRING TOOTH HARROW.

A Spring Tooth Harrow with a Quick and Easy Adjustment of Teeth by means of a lever, and retaining the only true shape and form.

AN "A" SHAPED OR BUTTERFLY FRAME.



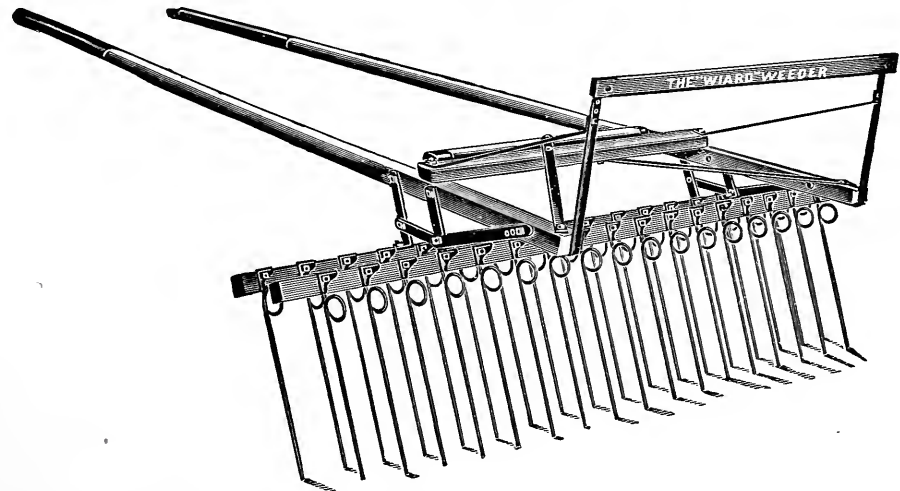
After careful experiment we have selected the **BLACK DIAMOND LEVER SPRING TOOTH HARROW** as the most perfect lever harrow known in the market. Having been thoroughly tested during two seasons we add it to our high grade implements as a companion to the Morgan Spading Harrow. In the Morgan Spading Harrow we have the best *rotary harrow* ever sold, as our constantly increasing sales testify, and in the Black Diamond Lever Spring Tooth Harrow the best *floating or drag harrow*. Every user of harrows needs one or the other — some need both.

PRICE LIST:

		Mfg.'s Price.	J. B. Sons' Net Cash Price.
14	Tooth Lever Harrows	\$25.00	\$14.50
16	" " "	25.00	15.00
18	" " "	27.50	16.00
12	Tooth Plain Harrows	21.00	12.00
14	" " "	23.00	14.00
16	" " "	23.00	14.00
18	" " "	25.00	15.00

Descriptive Circulars mailed on application.

THE WIARD ADJUSTABLE WEEDER.



BY USING THIS WEEDER fields of corn, beans, potatoes, etc., can be kept clean of weeds without the labor and expense of the hoe and without damage to the plants. One trial will convince any farmer that he cannot afford to be without this implement.

J. Breck & Sons' Net Cash Price, each \$12.00
Descriptive Circular mailed on application.

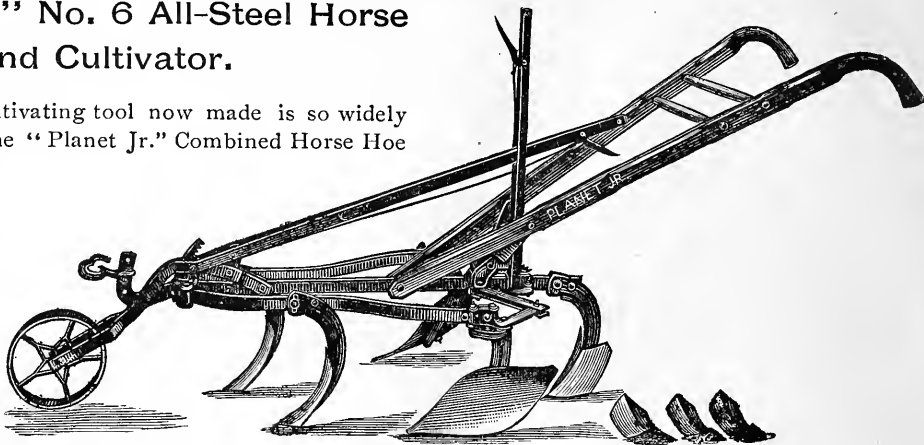
See Special Offer on third page of cover.

"The Planet Jr." and "Fire-Fly"

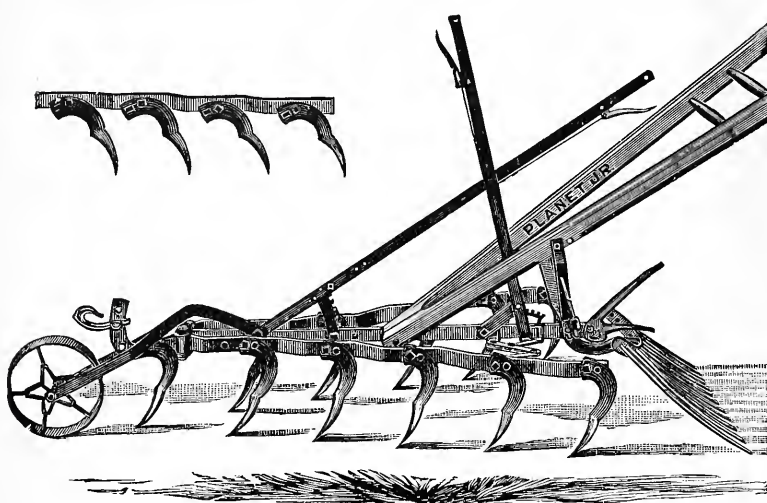
FARM AND GARDEN IMPLEMENTS.

The "Planet Jr." No. 6 All-Steel Horse Hoe and Cultivator.

Perhaps no single cultivating tool now made is so widely and favorably known as the "Planet Jr." Combined Horse Hoe and Cultivator. The improvements have been very gradual, but at the present time its adaptability to almost every locality and crop is thoroughly proven by its extensive use, for the trademark "Planet Jr." is known the world over.



The "Planet Jr." Twelve-Tooth Harrow, Cultivator, and Pulverizer.



This new tool is offered as the very best known for its intended purpose. The frame is high, and the blades are an inch wide, and of such perfect shape and symmetry as to work in the most thorough and satisfactory manner, and to offer an unusual amount of wearing surface. The recurved throat and high frame prevent clogging; the reverse position is given to the teeth in a short time by the changing of a single bolt in each. The frame is heavy and strong, and the teeth set straight with the line of motion at medium width, and are interchangeable.

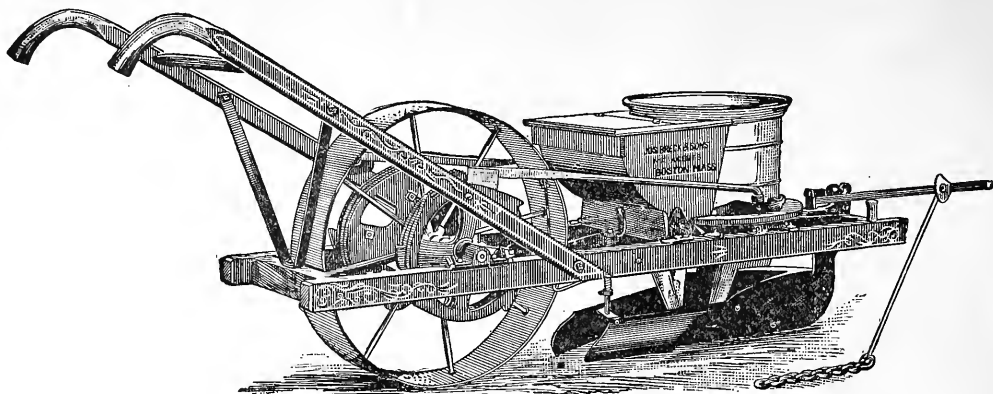
PRICE LIST.

	Man's Prices.	J. B. & Sons' Net Cash Prices.		Man's Prices.	J. B. & Sons' Net Cash Prices.
No. 6 Planet Jr. Horse Hoe, Complete	\$12.00	\$9.00	12-Tooth Harrow, Cultivator, and Pulverizer,	\$12.00	\$9.00
" 6 Planet Jr. Horse Hoe, No Wheel	10.25	8.00	Furrower, Hiller, and Ridger Combined	16.00	12.00
" 5 Planet Jr. Horse Hoe, Complete	11.25	8.50	All-Steel Pulverizer and Leveller	11.00	8.50
" 5 Planet Jr. Horse Hoe, No Wheel	10.25	7.50	No. 5 Plain Cultivator, Complete	8.00	6.00
" 4 Planet Jr. Horse Hoe, Complete	10.25	8.00	" 4 Plain Cultivator, No Wheel	7.00	5.00
" 4 Planet Jr. Horse Hoe, No Wheel	9.25	7.00	Planet Jr. Double Celery Hiller	12.00	10.00
Market Gardener's Horse Hoe, Complete	12.00	9.00	Planet Jr. Single Celery Hiller	10.00	9.00
Lever Wheel, Complete		\$1.75	11-inch Steels		\$0.12
Old Style Wheel, Complete		1.00	13-inch Steels		.13
Roller		1.50	21-inch Steels		.14
Reversed Rake		1.00	3-inch Steels		.15
Marking Attachment		2.00	4-inch Steels		.17
Furrowing Steel, with wings		2.00	7-inch Shovel Steels		.40
Furrowing Steel, no wings		1.00	8-inch Shovel Steels		.50
10-inch Furrowing Steels		1.00	8-inch Sweeps		.35
15-inch Furrowing Steels		1.50	10-inch Sweeps		.40
Wings, each		.50	12-inch Sweeps		.45
Ridging Steels, each		1.35	15-inch Sweeps		.50
Pulverizer		1.75	6-inch Side Steels		.75
Pulverizer for Harrow, special		1.75	6-inch Hoe Steels		.40
Vine Lifter Attachment		1.50	10-inch Hoe Steels		.60
Nine-Tooth Horse Hoe Attachment		5.00	Runner Attachment		2.00
Depth Regulators		.50			

As our space is limited, we cannot give as full a description as we could wish to the Planet Jr. implements and their attachments. To all interested in the finest labor-saving tools ever invented, we would recommend sending for the complete Planet Jr. Catalogue, which we will mail to any address on application.

See Special Offers on third page of cover.

THE KING OF THE CORNFIELD CORN PLANTER.



Superior to all others for planting Field, Ensilage and Fodder Corn, Broom Corn, Beans and Peas, and other Seeds of like size. Can also be arranged for dropping Beet Seed.

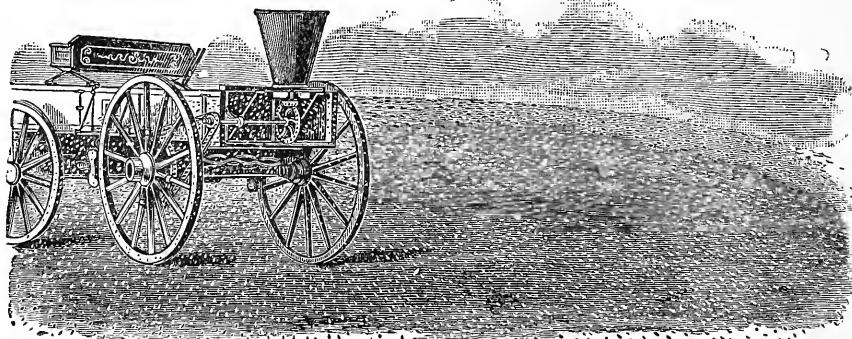
One of the greatest of labor-saving implements is a reliable Corn Planter, and while many of the different makes offered have done fairly good work, still none have met the requirements in many respects. We claim for the King of the Cornfield the highest degree of perfection yet attained, which, in combination with its extreme simplicity and durability, places it far ahead of all competitors.

J. Breck & Sons' Net Cash Price List.

24-inch wheel plants $4\frac{1}{2} \times 9 \times 18 \times 36 \times 72$ inches apart \$25.00

DESCRIPTIVE PAMPHLETS MAILED ON APPLICATION.

Strowbridge Broadcast Seed Sower.



Sows all grain, grass seeds, plaster, salt, ashes, commercial fertilizers — everything requiring broadcasting — any quantity per acre, better and faster than any other method. Saves seed by sowing perfectly even. Not affected by wind, as seed is not thrown upwards. Sows half or full cast, on either or both sides of wagon. Readily attached to any wagon or cart without injury, and used wherever they can be driven. Lasts a lifetime. Sows 80 acres wheat per day.

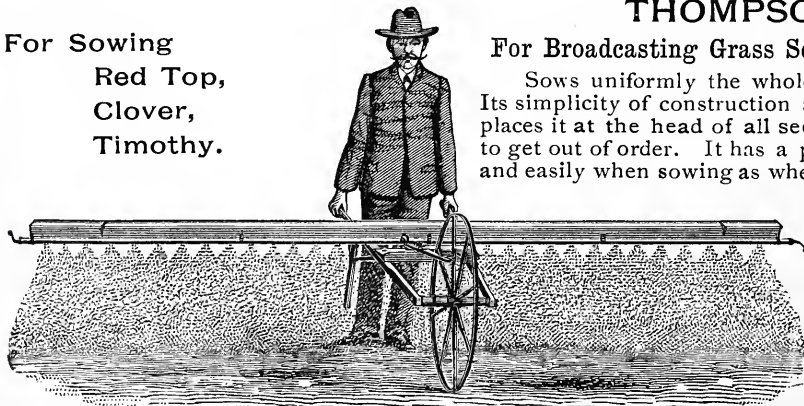
Strowbridge Broadcast Seed Sowers List Price, \$25.00. Net Price, \$12.00.

THOMPSON'S SEEDER.

For Sowing
Red Top,
Clover,
Timothy.

For Broadcasting Grass Seed. Light, Strong, and Simple.

Sows uniformly the whole length of the hopper, twelve feet. Its simplicity of construction and its accuracy of work in the field places it at the head of all seeders. It has no cam or cog gearing to get out of order. It has a positive motion, and works as freely and easily when sowing as when empty. Seeding is generally done at the time of year when winds prevail; it is then that the Seeder can be used with marked success.



Mfrs.' J.B.Sons'
List Net
Prices. Prices.

No. 2.

Complete Seeder,
with double hopper
for grain and all
kinds of grass seed, \$15.00 \$9.00

DESCRIPTIVE CIRCULARS MAILED ON APPLICATION.

See Special Offers on third page of cover.

THE GENUINE

OLIVER CHILLED PLOWS



**A GREAT
REDUCTION
IN PRICES
FOR
1895.**

No. 40 Oliver Plow, with Wheel and Jointer.

For Sale by **JOSEPH BRECK & SONS** (Corporation)

47 TO 54 NORTH MARKET ST., BOSTON, MASS.

BEWARE of imitation plows and extras, claiming to be the genuine Oliver or equally good. The genuine plows and repairs, direct from the factory, are for sale in New England only by us and our authorized agents. All others are spurious and cannot be relied upon to fit well or do good work.

PRICE-LIST.

No.	A.	Light One-Horse	Furrow	Weight.	Plain.	With Wheel	With Wheel and Jointer or Cutter.
No. A.		Light One-Horse	4½ x 8 in.	50 lbs.	\$4.00	\$4.75	\$6 25
B.		Medium "	5 x 10 "	65 "	5.50	6.25	7.75
10.		Heavy "	5½ x 11 "	70 "	6.50	7.25	8.75
13.		Very Light Two-Horse	6 x 11 "	80 "	7.00	8.00	10.00
19.		Light "	6½ x 12 "	100 "	7.50	8.50	10.50
20.		Medium "	7 x 13 "	110 "	8.00	9.00	11.00
E.		Heavy "	7 x 14 "	125 "	8.50	9.50	11.50
40.		Heavy Two or Three-Horse,	9 x 16 "	130 "	8.50	9.50	11.50

ONE EXTRA SHARE GIVEN WITH EACH PLOW.

PRICE-LIST OF EXTRA PARTS.

Numbers.	Mould-boards.	Standards.	Land-sides.	Cast Shares.	Full Chilled Shares.	Steel Shares.	Marsh Shares.	Braces.	Set Handles.	Single Handles.	Beams.	Jointers Complete.	Jointer Points.	Jointer Moulds.	Jointer Holders.	Jointer Standards.	Cutter Steels.	Wheels Only.	Wheels Complete.
A	1.25	1.25	0.40	0.18				0.25	1.25	0.50	1.00	1.50	0.15	0.35	0.75	0.50	0.75	0.40	0.75
B	1.75	1.50	.60	.20				.30	1.25	.50	1.00	1.50	.15	.35	.75	.50	.75	.40	.75
10	2.00	2.00	.60	.25		2.25		.50	1.25	.50	1.00	1.50	.15	.35	.75	.50	.75	.40	.75
13	2.25	2.25	.65	.25		2.25		.30	1.50	.50	1.25	2.00	.15	.35	1.00	.50	1.00	.50	1.00
19	2.50	2.25	.75	.30		3.00		.50	1.75	.50	1.25	2.00	.15	.35	1.00	.50	1.00	.50	1.00
20	2.75	2.25	.75	.30	1.00	3.00		.50	1.75	.50	1.25	2.00	.15	.35	1.00	.50	1.00	.50	1.00
E	3.00	2.50	.75	.30	1.00	3.50	3.50	.50	1.75	.50	1.25	2.00	.15	.35	1.00	.50	1.00	.50	1.00
40	3.00	2.50	.75	.30	1.00	3.50	3.50	.50	1.75	.50	1.25	2.00	.15	.35	1.00	.50	1.00	.50	1.00

VERY IMPORTANT.

A description of the different styles of Mouldboards and Shares, adapting the Oliver Chilled Plows to all kinds of plowing and conditions of soil. We carry in stock the following, which are sold at above prices.

MOULDBOARDS, Junior, are intended for use where it is desirable to turn furrow perfectly flat. Interchangeable with regular Mouldboards. Used on Nos. 20 and 40 only.

SHARES.—COMMON SHARES, marked "C," are intended for use when the soil is in good plowing condition, as in spring work. Used on all sizes Oliver Plows.

DEEP SUCTION SHARES, marked "D S," are intended for dry ground, or when the "C" shares do not run deep enough. Used on Nos. 19, 20, E and 40.

SHORT SHARES, marked "S," are for use in very hard, baked soil, or in stony land where the D S shares will not run deep enough. Used on Nos. 19, 20, E and 40.

STEEL SHARES are for use in soil containing roots, etc., that must be cut off, where our cast shares are not sharp enough. Used on Nos. 10, 13, 19, 20, E and 40.

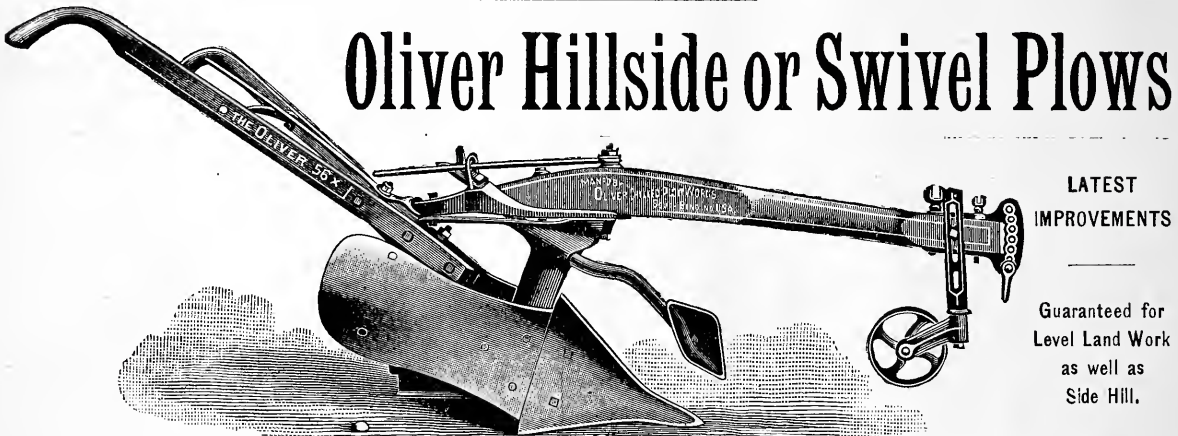
FULL CHILLED SHARES, marked "F C," are for use in soil comparatively free from stones, where the common cast shares will not scour. They are made with the same suction as the C shares. Used on Nos. 20, E and 40.

MARSH or MEADOW SHARES, made of cast cast-steel, are for plowing marsh or meadow land, and are the only perfect shares made for that kind of work. They cut 16 inches wide and have sharp edges. Used on Nos. E and 40 only.

MISCELLANEOUS REPAIRS.

Handle Rounds, per pair	\$0.10	Bolts for Jointer or Cutter Holder	\$0.07
L. S. Handle Plates . . . . .	.10	One-Horse Wrenches . . . . .	.08
One-Horse Clevises . . . . .	.18	Two-Horse Wrenches . . . . .	.12
Two-Horse Clevises . . . . .	.28	Holders for Cutters	Same as for Jointers
Clevis Hooks . . . . .	.15	Rolling Coulters, 13-in., complete	\$3.50
Clevis Shackles . . . . .	.08	" Coulter Yokes . . . . .	.75
" Wrenches . . . . .	.05	" " Cranks . . . . .	.50
" Guide Pins . . . . .	.03	" " Beam Block . . . . .	.25
" Shackle Pins . . . . .	.03	" " Blades	1.75
" Links, two-horse . . . . .	.05	" " Eye Bolts . . . . .	.25
" Rings, one-horse . . . . .	.05	" " Clamp Plates . . . . .	.25
Wheel Standards, complete, one-horse . . . . .	.40	" " Clamps, complete	1 25
" " " two-horse . . . . .	.50	" " Centres, complete . . . . .	.50
" Hubs . . . . .	.10	" " Centre Pins, complete . . . . .	.10
" Hub Bolts . . . . .	.10	" " Cone Bearings, set . . . . .	.25
" Caps or Sand Bands . . . . .	.05	" " Flanges . . . . .	.25
Bolts for Shares . . . . .	.03	Bolts for Wheel Standards . . . . .	.07
" for Mouldboards and Landsides . . . . .	.03	" " End of Beams . . . . .	.07
" for Jointer Standards . . . . .	.07	" " Standards and Beams . . . . .	.12
" for end of Handle Brace . . . . .	.03	" " Spreading bottom of Handles . . . . .	.10

REMEMBER that the Oliver Chilled Plow is the best in the world and has the largest sale, and be sure you get only the genuine points and other repairs, thus avoiding the dissatisfaction that is sure to follow the use of the spurious extras.



No. 57 Oliver Swivel Plow, with Wheel and Jointer. Fitted with Straight Cutter instead of Jointer, if so ordered.

PRICE-LIST.

		Weight.	Plain.	Complete W. & J.
No. 52, Light One-Horse	Furrow 6 x 11	100 lbs.	\$10.00	
" 56, Heavy Two-Horse	" 6 x 14	160 "	12.00	\$15.00
" 57, Medium "	" 6 x 13	140 "	11.00	14.00

ONE EXTRA SHARE GIVEN WITH EACH PLOW.

PRICE-LIST OF EXTRA PARTS.

Nos.	Steel Mouldboards	Stand-ards.	Land-side.	Cast Shares.	Single Handles.	Set Handles.	Beams.	Clevises.	Wrenches.	Wheels.	Jointers.
52	\$2.75	\$2.75	\$0.65	\$0.50	\$0.50	\$1.75	\$1.00	\$0.18	\$0.12		
56	4.00	3.25	1.00	.50	.50	2.00	1.00	.35	.15	\$1.00	\$2.00
57	4.00	3.25	1.00	.50	.50	2.00	1.00	.35	.15	1.00	2.00

REMEMBER that every Plow made by the Oliver Chilled Plow Works is offered with the absolute guarantee of being the best article of the kind that can be made for the price asked.

Every GENUINE OLIVER CHILLED PLOW has stencilled on the woodwork the inscription, "Manufactured by the Oliver Chilled Plow Works, South Bend, Indiana, U. S. A."

SOLE NEW ENGLAND AGENTS,

JOSEPH BRECK & SONS,

CORPORATION,

47 TO 54 NORTH MARKET STREET, - - - BOSTON, MASS.

WELL SUPPLIES.

BAY STATE CUCUMBER-WOOD PUMP.

The genuine Bay State Pump has already received a favorable introduction among our best customers, and during the present year we shall spare no pains or expense to make it the best Cucumber-Wood Pump in New England.

PRICE LIST.

NO. 2 PUMPS. THE FAVORITE HOUSE PUMP. 3½-INCH CYLINDER.

(Made from timber 6 x 6.)

	Mfrs.' Price.	J. B. & Sons' Net Cash Price.
6 feet long, unlined	\$5.00	\$3.75
7 " " "	5.50	4.12
8 " " "	6.00	4.50
10 " " "	7.00	5.25
12 " " "	9.00	6.75
6 " " porcelain lined	6.50	4.88
7 " " " "	7.00	5.25
8 " " " "	7.50	5.63
10 " " " "	8.50	6.38
12 " " " "	10.50	7.88

NO. 0 STOCK PUMPS. 4-INCH CYLINDER.

(Made from timber 7 x 7.)

Description.	Mfrs.' Prices.	J. B. & Sons' Net Cash Prices.
6 feet long, unlined	\$6.20	\$4.65
7 " " "	6.90	5.22
8 " " "	7.50	5.62
6 " " porcelain lined	7.80	5.85
7 " " " "	8.50	6.38
8 " " " "	9.10	6.82

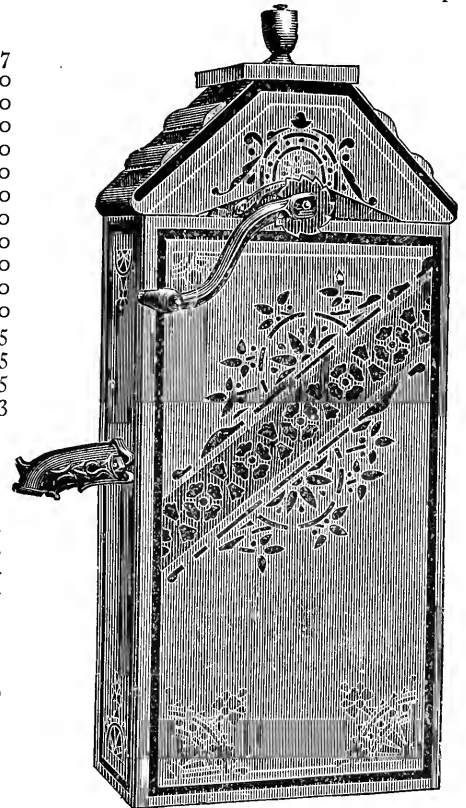
Price of Pumps complete for any depth of well furnished on application.

Tubing, per foot	\$0.17
Couplings and Bands . . . . .	.40
3½-inch Buckets . . . . .	.80
4-inch Buckets	1.00
Leathers, per doz.	3.50
Valves, per doz.	1.50
Iron Spouts . . . . .	.30
Iron Spouts and Shields . . . . .	.40
Closed Brackets . . . . .	.50
Regular Brackets . . . . .	.40
Regular Handles . . . . .	.30
Closed Bracket Handles . . . . .	.40
Links . . . . .	.25
Wood Spouts . . . . .	.15
Wood Spout Braces . . . . .	.15
Bucket Rod, per foot . . . . .	.03

RUBBER BUCKET CHAIN PUMP.

These Pumps have the good qualities of all other pumps combined. They draw water directly from the bottom of the well, so that it is always fresh and pure. They ventilate the well, so there is no danger of the water becoming stale, and are especially adapted to our cold winters, as they never freeze.

Curbs, complete	\$3.00	\$2.50
Tubing, per foot . . . . .	.06	.06
Tubing Shoes, per dozen	1.00	1.00
Galvanized Chain, per foot . . . . .	.05	.05
Victor Buckets . . . . .	.15	.15
Crosby Pattern Buckets . . . . .	.15	.15
Champion Pattern Buckets . . . . .	.15	.15



We are Boston agents for the Celebrated "Steel Queen Windmills." Circulars and estimates furnished on application.

See Special Offers on third page of cover.

Ensilage and Fodder Cutters, Carriers, Horse Powers and Farm Implement Specialties.

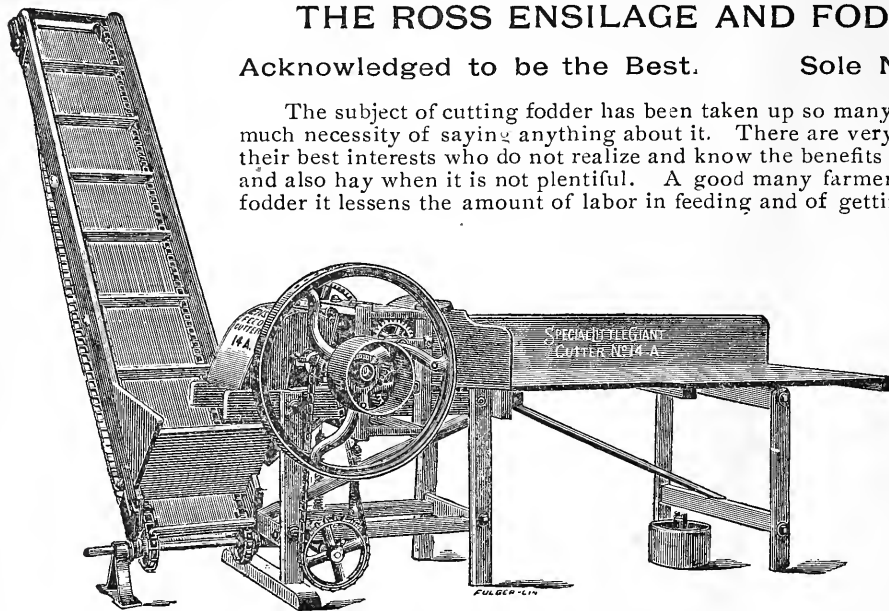
THE ROSS ENSILAGE AND FODDER CUTTER.

Acknowledged to be the Best.

Sole New England Agents.

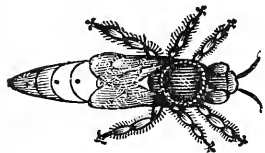
The subject of cutting fodder has been taken up so many times that there is really not much necessity of saying anything about it. There are very few farmers who are alive to their best interests who do not realize and know the benefits of cutting their coarse fodder, and also hay when it is not plentiful. A good many farmers find that by cutting their fodder it lessens the amount of labor in feeding and of getting it out.

The Ross Cutter is guaranteed by the manufacturer to do twice as much work in a given time as any ensilage cutter, having the same length of knives, in the United States. It is very strong and durable, and possesses great capacity. The patent safety fly-wheel is one of its most important points, for it is so constructed that an obstruction will cause it to turn on the arbor, and thus prevents injury to the machine and secures safety to the operator. It never fails to give unqualified satisfaction.



Illustrated priced catalogue of ensilage and fodder cutters, carriers, horse powers and farm implement specialties, also Treatise on Ensilage, mailed on application.

BEE SUPPLIES.



Having many calls from market gardeners and owners of greenhouses for articles in the Bee Supplies line, we have made arrangements with a reliable apiarist to furnish full swarms of Italian Bees, on movable frames, in brood chamber, all ready to be hived. By this method they can be examined at any time. Price, \$8 00, net.

We have in stock the most approved Hives, Boxes, Smokers, and many other articles necessary to the bee keeper. On application will be pleased to mail circulars giving prices and other valuable information.

INCORPORATED 1889.

THE WHITMAN AGRICULTURAL WORKS

Factory at Auburn, Me., formerly at Winthrop, Me.

MANUFACTURERS OF

HORSE POWERS, THRESHERS, SAWING MACHINES, CIDER MILLS, FEED CUTTERS, WHEELBARROWS, BARREL HEADERS, AND GENERAL AGRICULTURAL MACHINERY.

In announcing that we have accepted the selling agency of the above concern, we take much pleasure in informing our customers that we have dealt with the Whitmans, father and son, between fifty and sixty years, during the last twelve years of which time our dealings have been with Mr. W. E. Whitman, and we cannot call to mind an instance where his word has not been as good as his bond. This old and honorable business was established in 1834, at Winthrop, Maine, by Luther Whitman, and was successfully run by him and his sons without a break from that date until their disastrous fire in 1887 wiped it out. The citizens of Auburn, Maine, believing it for their interest to have the new works located in their town, offered many inducements, and as the shipping facilities were better than at Winthrop, the company decided in favor of locating at Auburn, where the works are now established.

In addition to the above, the company is prepared to make contracts for the manufacture of any new or novel articles in this line. As their agents we solicit correspondence, will furnish estimates, and are prepared to offer exceedingly low prices for large orders or for export.

JOSEPH BRECK & SONS
(Corporation),

Selling Agents of the Whitman Agricultural Works.

WOODENWARE.

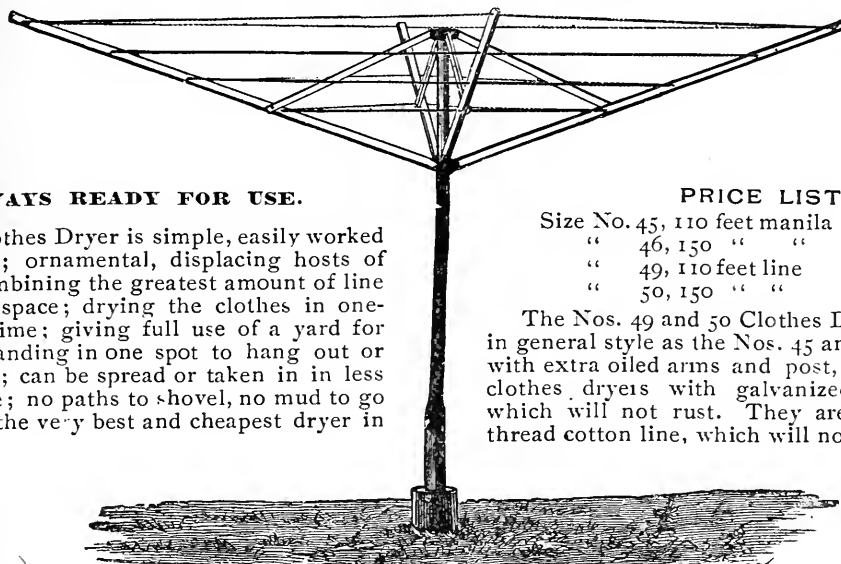
In this line as well as in Seeds and Implements our stock is one of the largest and best assorted in this section. We aim to have our prices as low as is compatible with the class of goods we offer, and hope to be favored with your orders. On application we will mail catalogue covering full line, giving prices, descriptions, and other valuable information.

THE IXL CLOTHES DRYER.

**EASY TO
OPERATE.
USEFUL AND
DURABLE.
KEEPS THE
YARD TIDY.**

IS ALWAYS READY FOR USE.

The IXL Clothes Dryer is simple, easily worked and understood; ornamental, displacing hosts of "eyesores"; combining the greatest amount of line in the smallest space; drying the clothes in one-half the usual time; giving full use of a yard for flowers, etc.; standing in one spot to hang out or take in washing; can be spread or taken in less than one minute; no paths to shovel, no mud to go through. It is the very best and cheapest dryer in use.



ORNAMENTAL.

**NOTHING
TO GET OUT
OF ORDER.**

PRICE LIST.

Size No. 45, 110 feet manila line, net,	\$3.75
" 46, 150 " " " "	4.50
" 49, 110 feet line . " "	4.75
" 50, 150 " " . " "	5.25

The Nos. 49 and 50 Clothes Dryers are the same in general style as the Nos. 45 and 46, but are made with extra oiled arms and post, and are the only clothes dryers with galvanized iron trimmings, which will not rust. They are rigged with best thread cotton line, which will not kink.

THE WAYNE COMBINATION CLOTHES-WASHING MACHINE.



In all probability the public have been imposed on through the medium of a clothes washer to a greater extent than on any other article. In offering the Combination Washer we wish it distinctly understood that we guarantee this machine to work easier and to do better work than any other in the market.

The main advantage that we claim for this machine is that it works fully one-third easier than any other, that it takes less water (only four pails), and that it is more simple in construction than any other machine now on the market. The machine, when open, locks itself, so that a wringer can be attached on the wringer-board without tilting it. The machine is well made out of the best yellow poplar, finished in superior and excellent style, and we can recommend it and will warrant the same as the best family washer that we know of.

PRICE LIST.

			List.	Net.
Regular Family Size, No. 11	.	\$6.00	\$5.00	
Large " " " 12	.	7.00	5.50	

We allow a trial of thirty days, and then if the Washer is unsatisfactory it may be returned at our expense. Circulars mailed on application.

CARPET SWEEPERS.

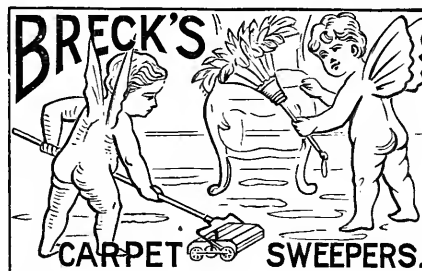
THE NEW AUTOMATIC "SWEEPERETTE," FOR CARPETS AND FLOORS.

We call attention to our new 1895 Automatic Sweeperette as a revelation in carpet sweepers. It is the outcome of years of experience, coupled with ingenuity and inventive skill, assisted in the designing by one of America's natural born designers, and the results are yours in a modern Sweeperette at a price within the reach of every home. Ladies, read about it and ask to see it; if not convenient to call, send us a postal and we will mail you a pamphlet descriptive of its merits, entitled "Why they do not Marry."

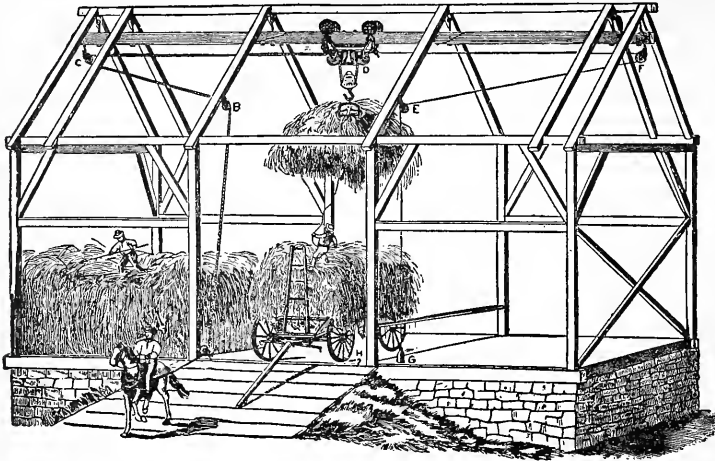
PRICE LIST.

Manufacturer's price, \$2.75; net cash price, \$2.50.

See Special Offers on third page of cover.



HORSE HAY FORKS AND CARRIERS.



This cut shows the arrangement of a system of putting hay into a barn by horse power, doing it at less cost and more expeditiously than in the old-fashioned way. The prices given below for fitting up different sized barns with the most improved machinery for unloading and storing hay are not exact figures, but are approximate, and can be varied according to the quality of material and style of fork used. Believing, however, that "the best is the cheapest," we recommend using a solid steel track, reversible carrier, grapping fork, best quality pulleys, and good manilla rope.

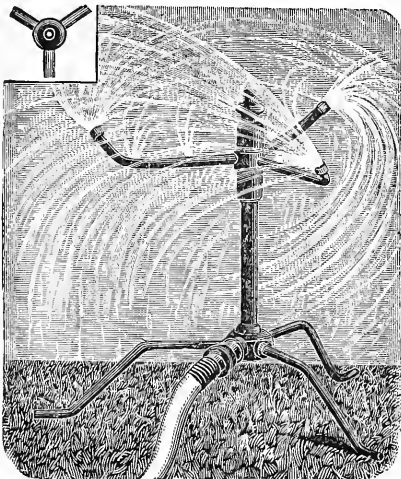
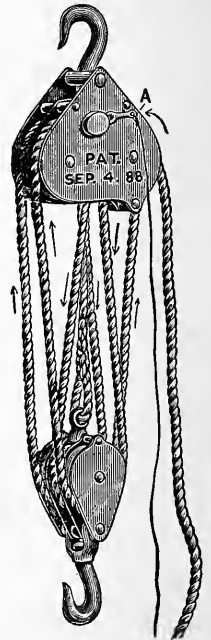
For fitting up a 40-foot Barn, about . \$25.00
For fitting up a 60 foot Barn, about . 30.00
For fitting up a 100-foot Barn, about . 40.00

Estimates furnished on application. In inquiring for prices, please state length of barn, number of rafters, height from floor to ridgepole, and send rough sketch of barn showing location of doors and bays. Descriptive circulars mailed free.

SURE GRIP STEEL TACKLE BLOCK.

Will hold load at any point without fastening the rope. The heavier the load, the better the grip. Never gets out of order. There is no back slip. Accidents are avoided. Blocks are made of steel.

			List Prices.	Net Prices.
No. 3.	To be used with $\frac{3}{8}$ -inch rope.			
	One man can lift	300 lbs.		
	Capacity	600 "	\$3.00	\$2.85
No. 4.	To be used with $\frac{1}{2}$ -inch rope.			
	One man can lift	350 "		
	Capacity	1,000 "	5.50	5.25
No. 5.	To be used with $\frac{5}{8}$ -inch rope.			
	One man can lift	400 "		
	Capacity	1,800 "	7.00	6.50
No. 6.	To be used with $\frac{3}{4}$ -inch rope.			
	One man can lift	450 "		
	Capacity	2,500 "	8.50	8.00
No. 4½.	To be used with $\frac{1}{2}$ -inch rope.			
	One man can lift	600 "		
	Capacity	3,000 "	10.00	9.50
No. 5½.	To be used with $\frac{5}{8}$ -inch rope.			
	One man can lift	700 "		
	Capacity	3,500 "	12.00	11.50
No. 6½.	To be used with $\frac{3}{4}$ -inch rope.			
	One man can lift	850 "		
	Capacity	5,000 "	14.00	13.25



"SAN FRANCISCO" LAWN SPRINKLER.

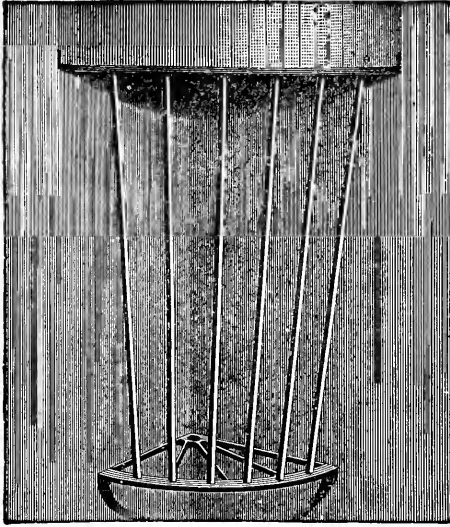
Until arrangements are perfected with the elements by our would-be rain producers, so that showers can be produced at will, we shall, in the future as in the past, depend on artificial irrigation. For this purpose the San Francisco Sprinkler has been devised. Its points of particular merit are, all the working parts being made of gun metal, in place of lead or cast iron, steady and continuous water pressure in the revolving portions, consequently greater quantity and more even deposit of water on the lawn, an instantaneous adjustment to take up wear for all time. It is so constructed that it may be pulled by the hose from one part of the lawn to another, thus avoiding the necessity of wetting the feet.

PRICE LIST.

Manufacturers' price, \$2.00. Joseph Breck & Sons' net price, \$1.50.

See Special Offers on third page of cover.

STABLE FITTINGS.



WROUGHT IRON CORNER RACK.

Net price, each \$1.75

BLANKET BRACKETS.

Net Prices.

5-inch Projection, Japanned Iron, per pair \$0.50
5-inch Projection, Brass, per pair 2.50

READ'S HARNESS BRACKETS.

Net price, each \$1.75

SPONGE BOX.

Net Prices.

No. 1. 9x14 inches, Cast Iron, each \$1.00
No. 2. 7x10 inches, Galvanized Wire, each75

STALL COLLAR.

Length, 35 inches; width, 22 inches.

Cast Iron. Net price, each . . \$1.25

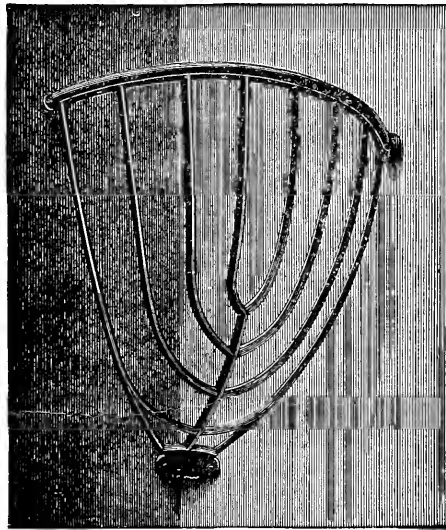


CORNER MANGER.

No. 0½. 14½x8, each . . \$1.25
No. 3. 17x10, each 1.75

We carry in stock a full line of Stable fittings and supplies, a few only being shown or mentioned here as our space is very limited. We invite correspondence or a personal call at our warerooms, to those intending to build or refit a stable, and feel, taking into consideration the quality of our goods and low prices, that we can give satisfaction.

Will mail on application our large catalogue, covering the complete line of Stable Fittings and Supplies.



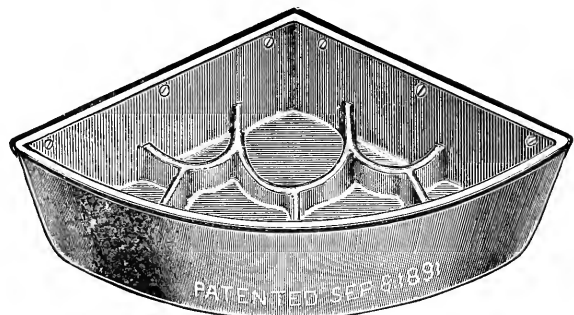
CAST IRON CORNER RACK.

Net price \$1.75

SALT DISH.

Net Prices.

No. 1. 6x8 inches, Cast Iron, each . . . \$0.60
No. 2. 8x10 inches, Cast Iron, each80



"SLOW FEED" OAT MANGER.

Since 1881 we have sold Iron Mangers of various patterns, but no Feed Boxes, Hay Racks, Patent Overhead Hitches, etc., have ever called out so many letters and words of approval as the "Slow Feed" Manger. It has Seven Small Cells or Pockets, from which the grain cannot be poked, and which prevent a greedy horse eating the grain too fast.

Weight, 25 lbs. Capacity, 15 quarts. Size, 17x17x6 deep. Each cell in the manger holds one pint. Net price, \$1.60.

See Special Offers on third page of cover.

NARROW STALL CHANNEL GUTTER, Graded.

WATER POTS OR SPRINKLERS.



COMMON QUALITY.			PRICE LIST.			CUSTOM-MADE.		
Capacity.			Price.	Capacity.		Price.		
2 quarts	.	.	\$0.30	6 quarts	.	\$1.50	.	
4 "	.	.	.50	8 "	.	2.00	.	
6 "	.	.	.60	10 "	.	2.25	.	
8 "	.	.	.70	12 "	.	2.50	.	
10 "	.	.	.80	16 "	.	2.75	.	
12 "	.	.	1.00	10 "	.	2.50	.	
16 "	.	.	1.25					
16 "	.	.	1.50					

WOTHERSPOON, GALVANIZED.

REGULAR PATTERN.			FRENCH PATTERN.		
Capacity.		Price.	Capacity.		Price.
4 quarts	.	\$1.50	4 quarts	.	\$1.75
6 "	.	1.75	6 "	.	2.00
8 "	.	2.00	8 "	.	2.25
10 "	.	2.25	10 "	.	2.50
12 "	.	2.75	12 "	.	3.00

VICTOR SPRAY AND FORCE PUMP.

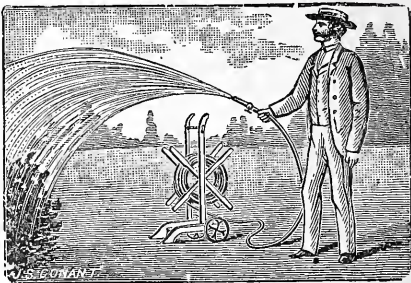


The Victor Force Pumps are made on scientific principles, and have no ancient or moss-backed ideas about them. See them work and you will be convinced that all other pumps of this class are doomed to be remembered in future as relics of the past.

Net cash price, \$3.50 each.

HOSE REELS.

We carry in stock all the most approved patterns of Hose Reels. The prices given are for those most used. If larger sizes are wanted, will make prices on application.



PRICE LIST.	{	No. 1.	50 ft. 3/4-in. Hose, each,	\$1.00
		" 2.	100 " " " "	2.00

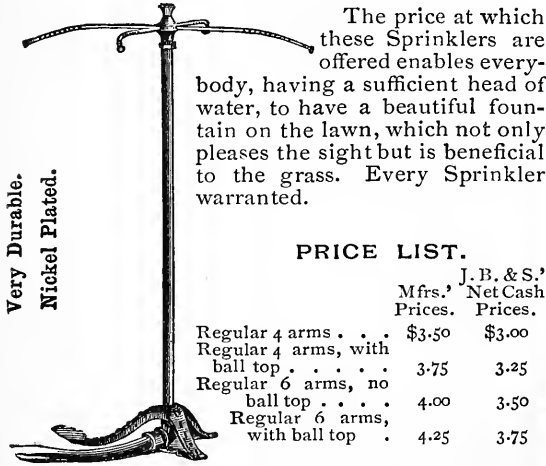
RUBBER AND COTTON HOSE.

There is no article sold that is more apt to deceive the purchaser than Garden Hose; therefore it is important to buy only of reliable houses. We make as pecialty of selling only those grades of Hose that are adapted to the different water pressures throughout the country. We use every endeavor to have the best quality of Hose only, manufactured for us, and warrant the qualities named below. Please give water pressure when ordering.

PRICE LIST. (Prices include Couplings.)

RUBBER HOSE.			Manufacturers' Prices.	J. B. & Sons' Net Cash Prices.
Superior 3/4-inch, 3-ply, suitable for the heaviest pressure, per foot	.	.	\$0.30	\$0.18
B. B. Co., 3/4-inch, 3-ply " " heavy " "	.	.	.30	.15
B. B. Co., 1/2-inch, 3-ply, " " heavy " "	.	.	.25	.13
Extra, 3/4-inch, 3-ply, " " ordinary " "	.	.	.30	.12
Extra, 1/2-inch, 3-ply, " " ordinary " "	.	.	.25	.10
COTTON HOSE.				
Cotton, 3/4-inch, suitable for all pressures, per foot	.	.	.30	.11
Cotton, 1/2-inch, " " " "	.	.	.25	.10

LAWN SPRINKLERS.



Very Durable.
Nickel Plated.

The price at which these Sprinklers are offered enables everybody, having a sufficient head of water, to have a beautiful fountain on the lawn, which not only pleases the sight but is beneficial to the grass. Every Sprinkler warranted.

PRICE LIST.

	Mfrs. Prices.	J. B. & S.' Net Cash Prices.
Regular 4 arms . . .	\$3.50	\$3.00
Regular 4 arms, with ball top	3.75	3.25
Regular 6 arms, no ball top	4.00	3.50
Regular 6 arms, with ball top	4.25	3.75

HOSE NOZZLES.

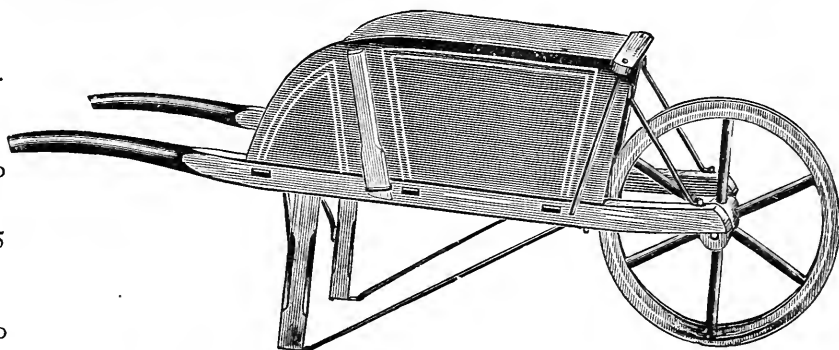
- Fairy, 3/4-inch.
A combination spray and stream nozzle.
Net Price, 65c. By mail, 75c.
- Gem, 3/4-inch.
A graduating nozzle, throwing water from a fine mist to a coarse stream.
Net Price, 65c. By mail, 75c.
- Lowell, 3/4-inch.
Similar to the Gem, producing the same effects.
Net Price, 65c. By mail, 75c.
- The "Boss," 3/4-inch.
The best nozzle for Flower Beds. Throws a flat spray or straight stream.
Net Price, 65c. By mail, 75c.
- Brass Hose Pipe, 3/4-inch.
Has detachable tip and rose.
Net Price, \$1.00. By mail, \$1.15.



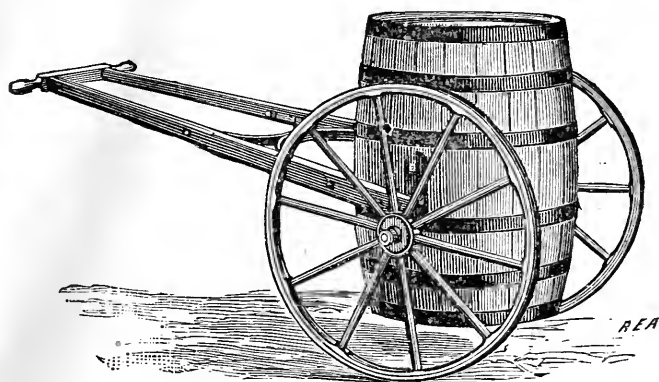
WHEELBARROWS.

PRICE LIST.

No. 2.	No. 4.	No. 5.
8-Spoke Wheel.		
BRECK CUSTOM.		
—	\$5.50	\$6.50
CHALLENGE.		
—	4.00	4.75
6-Spoke Wheel.		
EUREKA.		
\$3.25	3.50	4.00



WATER-BARREL TRUCK.



The Water-Barrel Truck is designed for carrying water to the garden or lawn, and will be found of great service during the hot summer months. By its use the flower garden and lawn can be kept well watered with an expenditure of very little time and labor, and instead of the lawn or garden becoming burned and dried up by the scorching sun, the few minutes spent in the morning or evening watering will be amply repaid by the fresh and beautiful appearance of both flowers and grass. Considering the innumerable purposes for which this truck is adapted, it becomes indispensable after once using. The barrel can be raised from the ground, carried to the place desired, and instantly detached, all *without handling*.

PRICE LIST. Truck complete with Barrel,
\$10.00 net.

GARDEN ROLLERS.

This implement is very valuable for use in the garden, on the lawn, and around the house. With it the lawn can be nicely rolled, removing all the small stones, and the walks kept nicely smoothed. Being made of iron, it does not clog as easily as a stone roller.

Since the Hand Roller was first introduced it has been greatly improved in style and variety of forms, and by the addition of weights along the shaft, as shown in the cut, greater weight is obtained, while they are so adjusted that when not in use the handle is thrown up from the ground, and kept clean and out of the way.

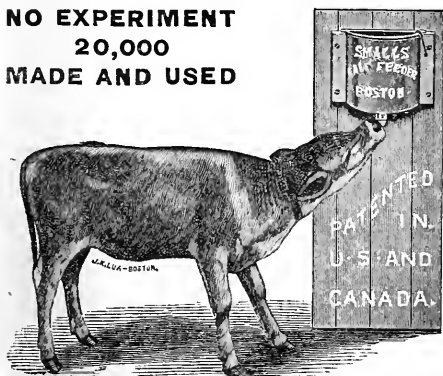
PRICE LIST.

Description.		Manufacturers' Prices.	J. Breck & Sons' Net Cash Prices.
2	Sec., 7½ in. face, 15 in. dia., with weights, about 125 lbs.	\$8.00	\$7.00
1	" 20 " 20 " " " 220 "	14.00	12.50
2	" 12 " 20 " " " 300 "	18.00	16.00
2	" 12 " 24 " " " 400 "	22.00	20.00
2	" 12 " 28 " " " 500 "	26.00	23.00



SMALLS' CALF FEEDER.

**NO EXPERIMENT
20,000
MADE AND USED**



This article was designed and has been perfected by the inventor for feeding milk to young calves in a natural way before they are old enough to eat and drink otherwise, and is to the calf what the nursing bottle is to the babe, a substitute for nature.

It is thoroughly made for service, and sold at a price so reasonable as to bring it within reach of all. It holds *seven quarts*, and weighs less than four pounds, and can be sent complete by mail on receipt of price and sixty cents for postage: a saving and convenience to those living at a remote distance, where express would be too great on a single Feeder.

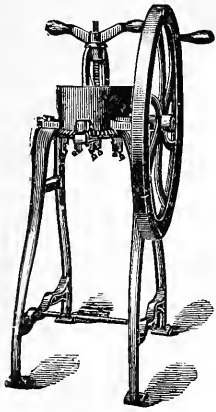
too great on a single Feeder.

Its **CHIEF MERITS** are not only in its convenience, but in the *sleek, thrifty, healthy, calves* it produces, as they *suck their food slowly* in a natural way, producing the gastric juices as in nature and the calf is *never stunted or set back* as they are when taught to drink, but grow rapidly from the time they are put on the Feeder.

men taught to drink, but grow rapidly from the time they are put on the feeder.	
Jos. Breck & Sons' net cash price	\$2.50
Extra Nipples	.25

See Special Offers on third page of cover.

MANN'S BONE CUTTER.

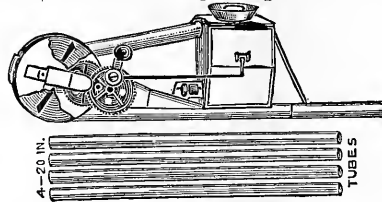


After long and severe tests, the manufacturer has been enabled to eliminate all the weak parts in this bone cutter, and has thoroughly improved it in every respect. We are now ready to place in the hands of farmers and poultry fanciers a durable and thoroughly practical cutter for utilizing the bones from the market for poultry food. A man can cut up with this hand cutter from fifteen to twenty-five pounds of green bones an hour.

No.	PRICE LIST.	WEIGHT.	BOXED.	LIST.	NET.
2	Standard bone cutter	132	164	\$23.00	\$18.40
6	Post bone cutter	101	134	20.00	16.00
8	Double hand cutter	180	212	28.00	22.40
10	Small power cutter	174	204	32.50	25.00
14	Large power cutter	374		96.00	76.80
16	Made to order	610		280.00	224.00
	Simplex bone cutter, on legs			15.00	12.00
	Simplex bone cutter, no legs			12.50	10.00

Not included in our special offers.

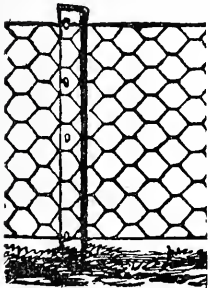
Fully illustrated. Descriptive price-list on application.

LEGGETT'S PARIS
GREEN OR DRY
POWDER GUN.

The distribution of the powder can be so easily regulated that a half pound or a pound of Pure Paris Green or London Purple may be evenly distributed over an acre of Potatoes. By leaving only a slight opening in the slots at the bottom of the reservoir, the faintest smoke of powder can be forced from the gun.

Hellebore, Insect Powder, slug shot, flower of sulphur or lime can be distributed better and more economically than in any other way.

Price . . . \$7.50 each.

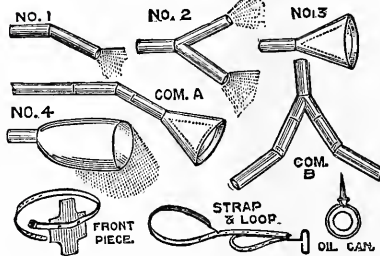
WIRE POULTRY
NETTING.

Wire Poultry
Netting.

We carry the following widths in stock: 12, 18, 24, 30, 36, 42, 48, 60 and 72 inches. Each roll contains 150 running feet. For full rolls, net price, $\frac{5}{8}$ cent per square foot; for less than full roll, net

price, 1 cent per square foot.

Above price applies to No. 19, 2-inch mesh netting only.

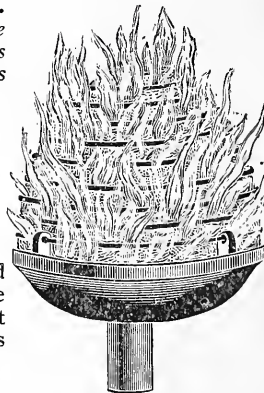


Patented Jan. 17, 1888. Feb. 25, 1890.
Jan. 2, 1894. Other Patents Pending.

CHAMPION
PARIS GREEN
SPRINKLER.

Warranted to do the work of four men, and give entire satisfaction. Will sprinkle two rows at a time. *No headache or sore throat in using Paris Green with this sprinkler.*

Price, \$3.75 each.

DUTTON'S
ASBESTOS
TORCH.FARMERS' FA-
VORITE EX-
TERMINATOR.

The best machine ever invented for applying poisons mixed with plaster, etc. A shower of dust is forced through, *light or heavy*, according to the length of the turn given; from eight to twenty-four inches may be covered as desired.

Price, \$1.50 each.

THE CYCLONE
EXTERMINATOR.

This machine will be found valuable in all sections of the country in destroying insect pests. One trial will prove its utility.

Price, \$6.00.

SAVE YOUR TREES!
DESTROY THE CATERPILLARS!

Saturate with kerosene oil, light, and hold under the caterpillars' nests, and pass quickly along the branches and around the trunk of the tree where the insects lodge. The great heat instantly destroys the insect, and will in no way injure the tree.

Price, 50 cents each.

LAWN MOWERS OF ALL KINDS REPAIRED.

Send Machines to us early and avoid the rush.

See Special Offers on third page of Cover.

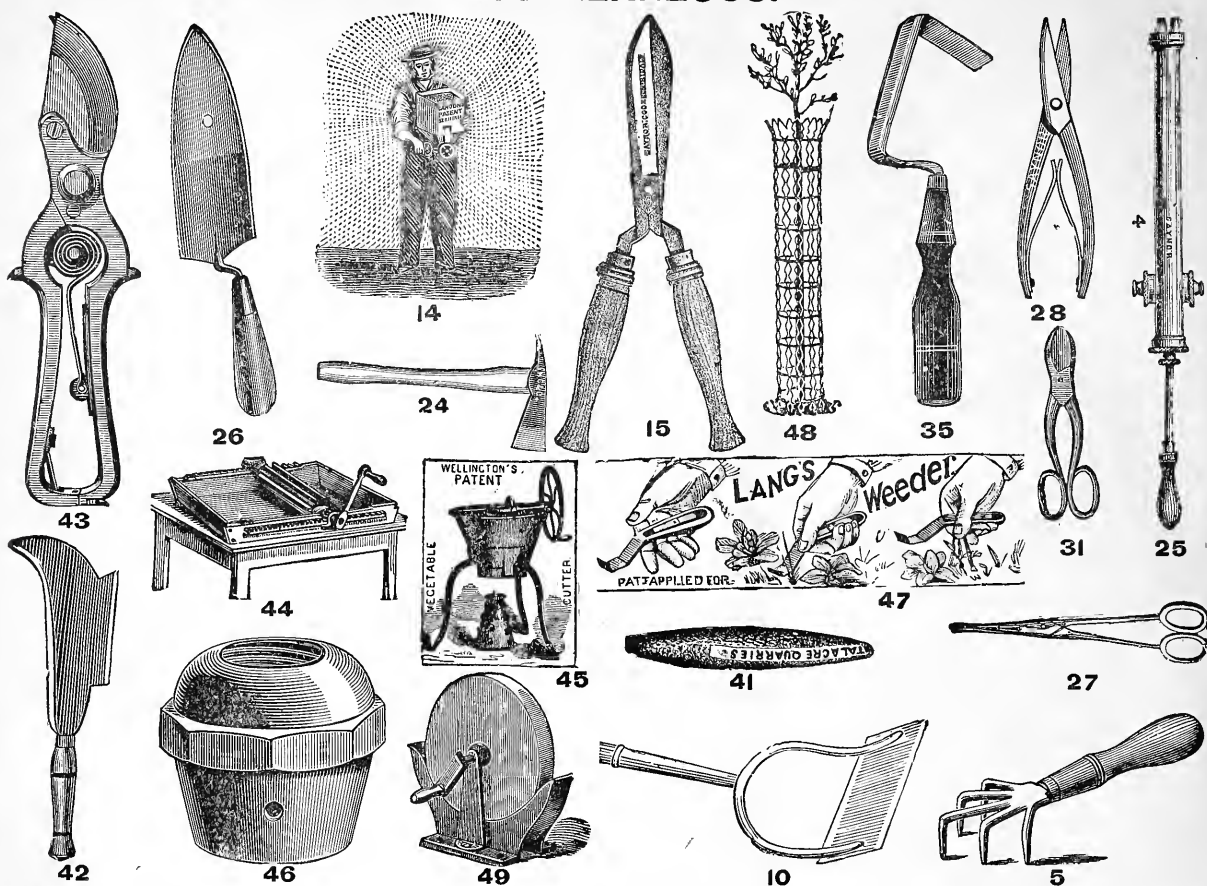
MISCELLANEOUS.



Cut.		Each.	Cut.		Each.
	Axes, Best \$1.00, Handled	\$1.25	42	Hooks, Bill or Brush	\$1.35
	Balls, Ox. Each 4c. to . . . . .	.12		" Bush, Best Quality	1.50
	Bars, Crow, Best Steel, per lb. . . . .	.06	4	" Grass, T. Stanforth & Co.	
	Beetles, for Driving Wedges	2.50		No. 2, 40c; No. 3, 45; No. 4, 50c; No. 5 . . . . .	.60
	Brooms, Stable, from 75c to	1.00		" Grass, American,	
	Brushes, Horse, from 50c \$3.00. By mail add . . . . .	.10		No. 2, 25c; No. 3, 30c; No. 4 . . . . .	.35
	Chisels, Grafting, All Steel, 50c. By mail . . . . .	.55	3	Jacks, Carriage, Light Prescott Standard	1.00
	" Wood Handled, 75c. By mail . . . . .	.85		" " Medium " " "	1.50
7	" Ice, for Family Use, 50c. By mail . . . . .	.60		" " Heavy " " "	2.00
	Curry Combs, from 15c to 40c. By mail add . . . . .	.15		Knives, English Budding and Pruning.	
	Cutters, Sod, for Lifting Sods	3.00	16	Buckhorn Handle, Large Pruning, No. 190, \$1.40.	
45	" Root, Wellington	12.00		By mail	1.45
	Diggers, Post Hole	1.50		Buckhorn Handle, Peach Pruning, No. 312, \$1.25	
	Dogs, Gant. for Rolling Logs	1.25		By mail	1.30
	Flails, Best 75c. Common . . . . .	.50		Buckhorn Handle, Medium, Pruning, No. 187 B.C.	
	Forks, Manure, from 75c to	1.50		\$125. By mail	1.30
	" Spading, from 65c to	1.10		Ivory Handle, Budding, No. 1, N. B. \$1.35. By mail	1.40
	" Hay, from 25c to . . . . .	.50		" " " No. 323, 1.40. By mail	1.45
	" Wood, Stable, from 50c to . . . . .	.85	22	" " " No. 204, 1.50. By mail	1.55
33	" Transplanting, 35c . . . . .	.40		Knives, American, from 50c to \$1.25. By	
38	Fumigator, No. 1, for House, 10x20 feet	1.50		mail add . . . . .	.05
	" No. 2, " 12x40 "	2.00	13	" Edging, Handled . . . . .	.75
	" No. 3, " 15x100 "	2.50		" Asparagus, American 50c; English	1.50
	" No. 4, " 20x100 "	3.50	9	Lines, Garden, Best, 100 feet, 75c. By mail . . . . .	.80
48	Guard, Tree, small \$1.25, large	1.50		Mill, Hand, Bone, for Poultry Raisers	4.75
49	Grindstones, Family	1.50		Pick, Handled, Good, \$1.00; Best	2.25
24	Hatchets, Ice, for Family Use . . . . .	.90	50	Pickers, Wire, Fruit. . . . .	.50
10	Hoes, Dutch, Handled, from \$1.00 to	1.50	6	Pump, Hand Force, Very Serviceable	4.50
	" American, Scuffle, Handled, from 45c to . . . . .	.75	19	Pruner, Water's Tree.	
	" Toothed, a great Labor Saver. . . . .	.60		4 ft., 90c; 6 ft. \$1.15; 8 ft., \$1.35; 10 ft.	1.50
	" Common, Field . . . . .	.50	37	" Telegraph, to use with Cord	1.50
51	" Acme Cultivator . . . . .	.50		" Rockdale, for Heavy Work	1.20
	Hooks, Stall, for Cleaning Stalls . . . . .	.75		Rakes, Steel, Garden, from 50c to . . . . .	.75
				" Wooden, Lawn, from 50c to . . . . .	.75

See Special Offers on third page of cover.

MISCELLANEOUS.



Cut.		Each.
	Rakes, Wire, Lawn	\$.75
	“ Hay, from 20c. to . . . . .	.50
	Reels, Garden. Small, 50c., Large . . . . .	.75
	Saws, Pruning, Double Edge . . . . .	.70
	Scythe, American, Warranted . . . . .	.85
	Scythe Snaths . . . . .	.75
41	Scythe Stones, English Talacre . . . . .	.25
	“ “ American . . . . .	.10
	Scissors, Florists, English.	
27	Vine, No. 112, 6 in., 85c.; 7 in., \$1.00; 8 in., \$1.10. By mail add . . . . .	.05
	Flower Gatherers, No. 111, 6 in., 90c.; 7 in., \$1.15; 8 in., \$1.35. By mail add . . . . .	.05
31	Bow, No. 110, 5 in., 75c.; 6 in., 85c.; 7 in., \$1.00. By mail add . . . . .	.10
	Ladies' Rose Nippers, 4 in., 75c. By mail . . . . .	.30
	“ Flower Gatherers, 4 in., 75c. By mail . . . . .	.30
28	Bouquet Clippers, 50c. By mail . . . . .	.55
15	Shears, Grass, English, No. 100. 7½ in., \$1.50; 8 in., \$1.60; 9 in., \$1.90; 10 in.	2.25
15	“ Hedge, English, No. 101, Notched. 7½ in., \$1.75; 8 in., \$1.85; 9 in., \$2.15; 10 in.	2.50
	“ Ladies' Garden, English, No. 107. Size 2, \$1.60; Size 3	1.50
	“ Long Handle, Border, English, No. 104. 9 inch, \$3.00; 10 inch	3.50
40	“ 9 inch, 3.50; 10 inch, With Wheel No. 105	4.00
	“ 8 inch, 3.50; 9 inch, Two Wheels No. 106½	4.00
	“ Heavy Branch, English, No. 109. Size 2, \$4.00; Size 3	4.50
	“ Pruning, Common, good quality, 50c. By mail . . . . .	.60
	French Pattern, 9 in., \$1.00; 10 in., \$1.25. By mail add . . . . .	.10
43	French. The best Pruning Shear ever shown in America; 7 in., \$1.50; 8 in., \$1.75; 9 in., \$2.00; By mail add . . . . .	.10

Cut.		Each.
	Shears, Sheep, English, Best for Shearing, \$1.50. By mail	\$1.65
	“ Fair quality for grass, 50c. By mail . . . . .	.65
14	Sowers, Cahoon's Broadcast	4.50
25	Syringes, Brass.	
	No. 7, 16x1½ in.	4.00
	No. 3, 18x1½ in.	7.00
	No. 5, 18x1½ in.	9.00
	Ladies 14x1 in.	3.00
	No. G 16x1½ in.	5.00
	No. A. 12x1 in.	2.00
	Syringes, Tin . . . . .	.75
	Shovels, Ames' Best, Square, \$1.00, Round	1.25
	“ Good Quality, Square, 75c., Round	1.00
	Sprinklers, Revolving Lawn, 75c. By mail . . . . .	.85
	Thermometers	
	Tin Case, 7 in., 15c.; 8 in., 20c.; 10 in., 25c.; 12 in., 30c. By mail add . . . . .	.05
	Dairy, all glass, 25c. By mail . . . . .	.30
30	Tongs, Ice from \$1.00 to 2.00	
26	Trowels, Steel Blade, Riveted Shank, 5 in., 15c.; 6 in., 20c.; 7 in., 20c.; 8 in., 25c. By mail add . . . . .	.06
26	Trowels, Best Steel Welded Shank, 6 in., 40c.; 7 in., 50c.; 8 in., 60c. By mail add . . . . .	.10
	Weeders, Hand.	
35	Haseltine, 25c. By mail . . . . .	.30
34	Noyes, 25c. By mail . . . . .	.30
5	Excelsior, 20c. By mail . . . . .	.25
47	Langs. By mail . . . . .	.25
44	Workers, Butter from \$5.00 to 11.00	

See Special Offers on third page of cover.

PLEASE READ THIS BEFORE MAKING UP YOUR ORDERS.

SPECIAL OFFERS.

CARRIAGE PAID OR 10% DISCOUNT ALLOWED.

We make the following offers on all orders made up from our ANNUAL CATALOGUE FOR 1895, at the net cash prices therein stated (except as noted), SENT US BY MAIL OR EXPRESS, ACCOMPANIED BY CASH.

OFFER NO. 1.

We will send the GOODS PREPAID by Mail, Express, or Freight, as we may deem advisable, TO ANY CITY OR TOWN IN NEW ENGLAND.

OFFER NO. 2.

On all orders WHERE CUSTOMERS PAY TRANSPORTATION CHARGES THEMSELVES we will allow A DISCOUNT OF TEN PER CENT.

PLEASE REMEMBER.

That orders sent in early SECURE THE FIRST SELECTIONS.

That our SPECIAL OFFERS are POSITIVELY LIMITED to ORDERS BY MAIL or EXPRESS ACCOMPANIED BY CASH, postal note, draft on New York or Boston, stamps, express or post-office money order.

That "Special Offer No. 2" is especially advantageous to PARTIES LIVING OUTSIDE of New England, as in a majority of cases the 10% discount will offset transportation charges.

PLEASE NOTE.

That our PATRONS WHO TAKE ADVANTAGE of these special offers WILL HAVE THEIR ORDERS FILLED PROMPTLY WITH GOODS OF THE HIGHEST EXCELLENCE.

That our PRICES, ASIDE FROM SPECIAL OFFERS, COMPARE FAVORABLY with those of ANY other REPUTABLE HOUSE in the United States.

That we can afford to offer such inducements for orders sent us by mail or express, accompanied by cash, because we can execute them in the quiet of our mail order department with promptness and despatch, and increase the volume of our business without impairing the efficiency of its service.

J. W. Brecker Long
(Corporation).

